This document has been prepared and presented as an informational guide only. Course offerings, fee schedules, and other representations provided herein are subject to change, amendment, or deletion by the College as deemed appropriate. Some information contained herein is taken from South Florida State College (SFSC) policies and procedures, and these sources may be consulted for additional information.

South Florida State College is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award baccalaureate and associate degrees. Contact the Southern Association of Colleges and Schools Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097 or call 404-679-4500 for questions about the accreditation of South Florida State College. Other inquiries about South Florida State College, such as admission requirements, financial aid, educational programs, etc., should be addressed directly to the institution and not to the Commission’s office.

SFSC is a member of the American Association of Community Colleges and the Association of Florida Colleges, and is an approved institution of higher education for veterans and war orphans.

CREWS CENTER
200 US Hwy 27 South
Avon Park, FL 33825
863-657-2335

DESOLO CAMPUS
2251 N. E. Turner Avenue
Arcadia, FL 34266
863-993-1757

HARDEE CAMPUS
2968 US 17 North
Bowling Green, FL 33834
863-773-3081

LAKE PLACID CENTER
500 East Interlake Blvd.
Lake Placid, FL 33852
863-465-3003

HIGHLANDS CAMPUS
600 West College Drive
Avon Park, FL 33825
863-453-6661

THE HOTEL JACARANDA
19 East Main Street
Avon Park, FL 33825
863-453-2211
863-453-6661

EMERGENCY/SECURITY
863-453-0806

South Florida State College pledges to provide equal access to education and employment opportunity to all regardless of race, color, religion, gender, national origin, ethnicity, age, disability, marital status, political affiliation, sexual orientation, pregnancy, or genetic information in admission to, or employment in, any of its education programs or activities. The College adheres to federal and state laws that control equal access/equal opportunity.
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Dear Students,

Welcome to South Florida State College. On behalf of the faculty, I share my appreciation for your participation in our academic programs. I want you to know that you enter this outstanding college bonded in a learning community that is, above all, devoted to you and your academic pursuits.

You are here to learn, and collectively all employees pledge their support to encouraging you to work hard, study diligently, ask questions, and invest in the process of broadening your perspectives. Make a strong commitment to think and be open to new ideas, thoughts, and expressions. The culminating result of your commitment will be long-term success and prosperity.

Set your goals high, invest fully in your educational journey, get involved in student activities with your classmates, and get to know your talented faculty and fellow learners. Study hard and always give it your best to ensure full personal enrichment. Enjoy the collegiate experience and set your sight on successfully completing your program of studies. Throughout your journey, we are here to help you and provide support that has become our distinctive hallmark since our founding over 50 years ago. We’re glad you decided to connect to South Florida State College and we hope you stay connected for years to come.

In dedicated service,

[Signature]

Thomas C. Leitzel, Ph.D.
President
District Board of Trustees

Tami Cullens, Chair
Highlands County

Joe Wright, Vice Chair
Highlands County

Timothy Backer
DeSoto County

Derren Bryan
Hardee County

Dr. Louis Kirschner
DeSoto County

Vacant Board Position

Lana C. Puckorius
Highlands County

Kris Y. Rider
Highlands County

College Attorney
Pamela Karlson, Esq.
Officers of the College
2020-2021

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Glenn W. Little ........................................................................ Vice President for Administrative Services
Dr. Sidney E. Valentine Jr. ......................................................... Vice President for Academic Affairs and Student Services
Erik Christensen ........................................................................ Dean, Applied Sciences and Technologies
Dr. James Hawker ........................................................................ Dean, Arts and Sciences
Dr. Michele D. Heston ................................................................ Dean, Health Sciences
Dr. Timothy G. Wise ..................................................................... Dean, Student Services
Jamie Bateman ........................................................................ Executive Director, Institutional Advancement
Dr. Christopher D. van der Kaay ............................................. Executive Director, Institutional Effectiveness, Planning, and Technology
Dr. Teresa M. Crawford ............................................................. Director, Hardee Campus
Asena Mott ........................................................................... Director, DeSoto Campus
Randall K. Paeplow ................................................................. Director, Lake Placid Center
Dr. Robert Flores ................................................................... Director, Remodeling, Renovation and Maintenance
Cynthia Garren ................................................................... Director, Cultural Programs
Donald L. Kesterson Jr .............................................................. Director, Human Resources
Melissa Kuehnle ................................................................... Director of Institutional Communications
Melissa Lee ........................................................................... Controller
Jonathan Stern ........................................................................ Registrar
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General College Information

SFSC Vision

*South Florida State College will become… a globally aware academic destination driving regional transformation through innovative collaboration.*

SFSC Mission

SFSC is an open-access, higher education institution dedicated to providing a learning-centered environment through quality programs, training, and services. Working in partnership with organizations and communities, the College provides leadership and a comprehensive range of opportunities for the educational, cultural, and economic development of the service district.

The College assists the people of its service district in DeSoto, Hardee, and Highlands counties regardless of economic, social, or educational background to achieve success in:

- completing an associate degree in preparation for pursuing a baccalaureate or other professional degree or credential;
- completing a Baccalaureate degree, associate degree, or certificate related to career preparation to enter the workforce or to improve career circumstances;
- completing college preparatory programs of study including those leading to the high school diploma;
- obtaining basic skills in literacy, numeracy, and citizenship to prosper as a contributing member of society;
- gaining personal, cultural, and global awareness, appreciation, and understanding needed in a complex contemporary society;
- pursuing advanced academic preparation and credentials available through partnerships with colleges and universities; and
- participating in the social, cultural, environmental, and economic development of the communities served by the College.

We believe in the worth of each of our students and, through all of our educational programs and services, we seek to develop human potential and to create brighter futures.

SFSC Institutional Core Values

The attributes that guide our behavior as we pursue our vision are:

**Integrity** - We encourage the free exchange of ideas in an environment that embraces honesty, fairness, personal responsibility, and ethical leadership.

**Service** - We actively seek opportunities to enhance achievement and success in our local and world communities.

**Community** - We embrace cultural diversity, inclusiveness, collaboration, mutual respect, responsive and productive partnerships, and the sharing of resources.

**Learning** - We are committed to providing opportunities for students and staff to succeed in a highly competitive environment so that they can become effective lifelong learners.

**Excellence** - We seek to provide high-quality, innovative, and flexible teaching and learning opportunities in a learning-centered environment.

**Accountability** - We value personal and institutional ownership through integrated planning and assessment of all programs.

**Responsibility** - We honor our commitments in all initiatives and leadership endeavors as well as promote environmental stewardship.

History

Furthering the established policy of placing high-quality postsecondary education within commuting distance of 99% of Florida’s population, the 1965 Legislature authorized the establishment of a state-supported junior college in Highlands County to serve the needs of the citizens of DeSoto, Hardee, and Highlands counties.

SFSC began operation in August 1966 in temporarily donated facilities provided to the community by public-spirited citizens of Avon Park. These facilities or buildings were renovated, air conditioned, and partly furnished by voluntary contributions of many interested individuals and organizations of Hardee and Highlands counties, and by the municipalities of Avon Park, Bowling Green, Lake Placid, and Sebring.
The College established contact with the Southern Association of Colleges and Schools during its first year of operation, and was fully accredited during the third year of operation. Since its inception, SFSC was designated as the Area Technical College to serve Hardee and Highlands counties and, later, DeSoto County.

Since 1965, the College has grown considerably in student enrollment and physical facilities. In October 1968, construction of the nine-building permanent campus began in Highlands County. The College moved into the new facility in early January 1970. The Highlands Campus now consists of 228 acres with more than 30 buildings, including the Alan Jay Wildstein Center for the Performing Arts and a 1,500-seat gymnasium. The College also offers classes at SFSC’s DeSoto County, Hardee County, and Lake Placid. The overall growth of the College reflects the community’s support of and participation in SFSC’s programs.

In 2002, the College received donations of land in DeSoto and Hardee counties to construct new campuses. The new, full-service campuses were completed in 2003, and each of the 30,000-square-foot facilities provide all student services, a library, general classrooms, computer labs, two large technical program areas, and a student lounge area. The DeSoto Campus is located north of Arcadia at the corner of Gibson and Turner Roads near the DeSoto County High School and the Turner Agri-Civic Center. The Hardee Campus is located on Highway 17 north of Wauchula between Bostick and Sauls Roads.

SFSC evolved from a small college into a mid-sized institution that annually serves approximately 19,000 residents of DeSoto, Hardee, and Highlands counties. The College has matured into a responsible and responsive institution of higher learning that provides the community with quality academic programs, specialized technical training, continuing workforce education and adult education, community services, cultural experiences, collegiate athletics, informational services, and programs which enrich the quality of community life. SFSC is pleased with the prestige its faculty and graduates have received. This reputation has been earned through effective and concerned teaching. The continued success of the College depends upon superior teaching and the faculty members are selected with this quality in mind. SFSC believes its student-centered approach to learning will help its graduates meet the challenges of our fast-paced and rapidly changing society.

In fall term 2012, SFSC began to offer Baccalaureate degrees. These open-access programs are available to students who have successfully completed an associate degree. The degrees will help students build upon their technical or college transfer education.

Locations

The College district encompasses DeSoto, Hardee, and Highlands counties, a rural area of 2,400 square miles and a population of approximately 165,000.

The Highlands Campus is located at 600 West College Drive near Avon Park in Highlands County and sits on a 228-acre isthmus between two lakes in the heart of Florida. Highlands County has a year-round population of approximately 100,000 residents.

The DeSoto Campus, which opened in 2003, is located at 2251 N.E. Turner Avenue near Arcadia, FL in DeSoto County and sits on a little more than 40 acres just a few blocks from Hwy. 17 and U.S. Hwy. 70 and is practically adjacent to the county’s high school. DeSoto County has a year-round population of approximately 35,000 residents.

The Hardee Campus, which opened in 2003, is located at 2968 US 17 North near Bowling Green, FL in Hardee County and sits on 47 acres along the major corridor in Hardee County. Hardee County has a year-round population of approximately 30,000 residents.

The Lake Placid Center is located on four acres of land at 500 Interlake Boulevard in downtown Lake Placid in Highlands County. Located 25 miles south of the Highlands Campus, the Lake Placid Center lies within a parklike setting.

The SFSC Foundation, Inc. owns and operates The Hotel Jacaranda. This building, listed on the National Register of Historic Places, is approximately two miles from the Highlands Campus in downtown Avon Park. It has been in continuous operation as a hotel since it opened for business in 1926. In 1987, the College foundation acquired the hotel and set aside 60 of the rooms for use as a private residence facility for full-time SFSC students. Accommodations are available for approximately 35 male students and 35 female students on separate floors of the residence facility. The hotel itself, still open to the public, is used as a training facility for the College’s Culinary Arts program, while its meeting and dining rooms provide an ideal venue for receptions, weddings, banquets, and other local gatherings. The SFSC Foundation, Inc. and the Take Stock in Children Office are located on the ground floor of the historic hotel. For additional information, contact the SFSC Foundation, Inc. at 13 East Main Street, Avon Park, FL 33825, or call 863-453-3133. Information is also available through the College’s website. Housing is assigned on a first-come, first-served basis.

The Crews Center, named for benefactors C. Elton and Norma D Crews, is located on South U.S. Highway 27 in Avon Park. The 17,000-square-foot facility is the location of commercial truck driving, and plumbing and electrical apprenticeship programs.
## 2020-2021 College Calendar

Classes for community education, workforce training, and selected certificate programs are ongoing. Adult Education classes are open-entry and are offered year-round. Please check our website at southflorida.edu or with a counselor/advisor for the most current offerings. Dual enrollment students check with a high school counselor for beginning and ending dates.

<table>
<thead>
<tr>
<th>South Florida State College</th>
<th>Academic Dates and Deadlines</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Fall 2020</td>
</tr>
<tr>
<td>Priority Date for SFSC Foundation Scholarships</td>
<td>Jun 15</td>
</tr>
<tr>
<td>Priority Date to Apply for Graduation</td>
<td>Oct 16</td>
</tr>
<tr>
<td>Commencement / Graduation</td>
<td>Dec 17</td>
</tr>
<tr>
<td>Faculty Return</td>
<td>Aug 17</td>
</tr>
<tr>
<td><strong>Regular Term (16 weeks)</strong></td>
<td>Aug 21 - Dec 16</td>
</tr>
<tr>
<td>Begin Open Registration</td>
<td>Mar 30</td>
</tr>
<tr>
<td>Fee Payment Deadline</td>
<td>Aug 17*</td>
</tr>
<tr>
<td><strong>CLASSES BEGIN</strong></td>
<td>Aug 21</td>
</tr>
<tr>
<td>Registration Ends (Last Day to Add a Class)</td>
<td>Aug 25**</td>
</tr>
<tr>
<td>Deadline to Drop Classes with Refund or Change Audit Status</td>
<td>Aug 28</td>
</tr>
<tr>
<td>Deadline to Withdraw with a Grade of W</td>
<td>Oct 27</td>
</tr>
<tr>
<td>Exam Week</td>
<td>Dec 15-16</td>
</tr>
<tr>
<td>Last Day of Classes</td>
<td>Dec 16</td>
</tr>
<tr>
<td>Faculty - Grades Due to Registrar's Office</td>
<td>Dec 17 (by Noon)</td>
</tr>
<tr>
<td><strong>First Flex Session (8 weeks)</strong></td>
<td>Aug 21 - Oct 16</td>
</tr>
<tr>
<td>Begin Open Registration</td>
<td>Mar 30</td>
</tr>
<tr>
<td>Fee Payment Deadline</td>
<td>Aug 17*</td>
</tr>
<tr>
<td><strong>CLASSES BEGIN</strong></td>
<td>Aug 21</td>
</tr>
<tr>
<td>Registration Ends (Last Day to Add a Class)</td>
<td>Aug 25**</td>
</tr>
<tr>
<td>Deadline to Drop Classes with Refund or Change Audit Status</td>
<td>Aug 28</td>
</tr>
<tr>
<td>Deadline to Withdraw with a Grade of W</td>
<td>Sept 24</td>
</tr>
<tr>
<td>Last Day of Classes</td>
<td>Oct 16</td>
</tr>
<tr>
<td>Faculty - Grades Due to Registrar's Office</td>
<td>Oct 19 (by Noon)</td>
</tr>
<tr>
<td><strong>Second Flex Session (8 weeks)</strong></td>
<td>Oct 19 - Dec 16</td>
</tr>
<tr>
<td>Begin Open Registration</td>
<td>Mar 30</td>
</tr>
<tr>
<td>Fee Payment Deadline</td>
<td>Aug 17*</td>
</tr>
<tr>
<td><strong>CLASSES BEGIN</strong></td>
<td>Oct 19</td>
</tr>
<tr>
<td>Registration Ends (Last Day to Add a Class)</td>
<td>Oct 20**</td>
</tr>
<tr>
<td>Deadline to Drop Classes with Refund or Change Audit Status</td>
<td>Oct 23</td>
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<tr>
<td>Deadline to Withdraw with a Grade of W</td>
<td>Nov 20</td>
</tr>
<tr>
<td>Last Day of Classes</td>
<td>Dec 16</td>
</tr>
<tr>
<td>Faculty - Grades Due to Registrar's Office</td>
<td>Dec 17 (by Noon)</td>
</tr>
<tr>
<td><strong>Third Flex Session (13 weeks)</strong></td>
<td>Sep 15 - Dec 16</td>
</tr>
<tr>
<td>Begin Open Registration</td>
<td>Aug 19</td>
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<tr>
<td>Fee Payment Deadline</td>
<td>Sept 9*</td>
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<tr>
<td><strong>CLASSES BEGIN</strong></td>
<td>Sep 15</td>
</tr>
<tr>
<td>Registration Ends (Last Day to Add a Class)</td>
<td>Sep 16**</td>
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<tr>
<td>Deadline to Drop Classes with Refund or Change Audit Status</td>
<td>Sep 18</td>
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<tr>
<td>Deadline to Withdraw with a Grade of W</td>
<td>Nov 6</td>
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<tr>
<td>Last Day of Classes</td>
<td>Dec 16</td>
</tr>
<tr>
<td>Faculty - Grades Due to Registrar's Office</td>
<td>Dec 17 (by Noon)</td>
</tr>
</tbody>
</table>

* Fees due on day of registration after deadline date
**Add a class ends at midnight

Continued ➔
### South Florida State College

#### Academic Dates and Deadlines

<table>
<thead>
<tr>
<th></th>
<th>Fall 2020</th>
<th>Spring 2021</th>
<th>Summer 2021</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Limited Services Available</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Convocation</td>
<td>Aug 17</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Professional Development Day</td>
<td>-</td>
<td>Feb 12</td>
<td>-</td>
</tr>
<tr>
<td><strong>Holidays - Students and Faculty</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>No Classes on Fridays in Summer B <em>(June 18, 25, and July 2, 9, 16, 23, 30)</em> Exceptions: Community Education, Workforce Training, and Adult Education.</td>
<td>Labor Day - Sep 7</td>
<td>Martin Luther King - Jan 18</td>
<td>Memorial Day - May 31</td>
</tr>
<tr>
<td></td>
<td>Winter Break - Dec 19-Jan 1</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Holidays - Staff</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>College Closed on Fridays in Summer B <em>(June 18, 25, and July 2, 9, 16, 23, 30)</em> Exceptions: Community Education, Workforce Training, and Adult Education.</td>
<td>Labor Day - Sep 7</td>
<td>Martin Luther King - Jan 18</td>
<td>Memorial Day - May 31</td>
</tr>
<tr>
<td></td>
<td>Winter Break - Dec 21-Jan 1</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>College Closed</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Labor Day - Sep 7</td>
<td>Martin Luther King - Jan 18</td>
<td>Memorial Day - May 31</td>
</tr>
<tr>
<td></td>
<td>Winter Break - Dec 21-Jan 1</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
2020-2021 Academic Calendar

Selected Calendar of Events

- **August 17** - Convocation
- **August 21** - Fall Classes Begin
- **September 7** - Labor Day Holiday
- **November 25-27** - Thanksgiving
- **December 16** - Fall Classes End
- **December 17** - Commencement
- **December 19-January 1** - Winter Break
- **January 1** - New Year’s Day
- **January 11** - Spring Classes Begin
- **January 18** - Martin Luther King Holiday
- **February 12** - Professional Development Day
- **March 15-19** - Spring Break
- **May 10** - Spring Classes End
- **May 11** - Commencement
- **May 12** - Summer Classes Begin
- **May 31** - Memorial Day Holiday
- **July 5** - Independence Day Holiday
- **Aug 4** - Summer Classes End
# Important Resources

<table>
<thead>
<tr>
<th>Service</th>
<th>Phone#</th>
<th>Location/Building</th>
</tr>
</thead>
<tbody>
<tr>
<td>Admissions, Registration, and Records</td>
<td>863-784-7416</td>
<td>B151 (1st Floor)</td>
</tr>
<tr>
<td>Adult Education/GED</td>
<td>863-784-7441</td>
<td>H205 (2nd Floor)</td>
</tr>
<tr>
<td>Advising and Counseling Center</td>
<td>863-784-7131</td>
<td>B152 (1st Floor)</td>
</tr>
<tr>
<td>Applied Sciences and Technologies Division</td>
<td>863-784-7238</td>
<td>T01</td>
</tr>
<tr>
<td>Arts and Sciences Division</td>
<td>863-784-7330</td>
<td>B207 (2nd Floor)</td>
</tr>
<tr>
<td>Athletic Department</td>
<td>863-784-7035</td>
<td>E</td>
</tr>
<tr>
<td>Box Office</td>
<td>863-784-7178</td>
<td>A</td>
</tr>
<tr>
<td>Cafeteria (Highlands Campus)</td>
<td>863-784-7199</td>
<td>J</td>
</tr>
<tr>
<td>Career Development Center</td>
<td>863-784-7410</td>
<td>B111 (1st Floor)</td>
</tr>
<tr>
<td>Cashier/Refunds</td>
<td>863-784-7142</td>
<td>B150 (1st Floor)</td>
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<tr>
<td>College Recruiter</td>
<td>863-784-7447</td>
<td>B161</td>
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<tr>
<td>Community Relations and Marketing</td>
<td>863-784-7250</td>
<td>F108</td>
</tr>
<tr>
<td>Corporate and Community Education</td>
<td>863-784-7388</td>
<td>UC</td>
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<tr>
<td>Crews Center</td>
<td>863-657-2335</td>
<td>Avon Park</td>
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<tr>
<td>Cultural Programs</td>
<td>863-784-7177</td>
<td>A203 (2nd Floor)</td>
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<tr>
<td>Dental Education/Clinic</td>
<td>863-784-7020</td>
<td>T1-111</td>
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<tr>
<td>DeSoto Campus</td>
<td>863-784-7040</td>
<td>Arcadia</td>
</tr>
<tr>
<td>Driver Education</td>
<td>863-784-7388</td>
<td>UC123</td>
</tr>
<tr>
<td>EA/EO Student Coordinator</td>
<td>863-784-7107</td>
<td>B274 (2nd Floor)</td>
</tr>
<tr>
<td>Educational Technology Support</td>
<td>863-784-7017</td>
<td>J101 (1st Floor)</td>
</tr>
<tr>
<td>English for Speakers of Other Languages (ESOL)</td>
<td>863-784-7380</td>
<td>H207 (2nd Floor)</td>
</tr>
<tr>
<td>Farmworker Career Development Program (Hardee)</td>
<td>863-784-7072</td>
<td>Hardee 203</td>
</tr>
<tr>
<td>Farmworker Career Development Program (Highlands)</td>
<td>863-784-7386</td>
<td>T09</td>
</tr>
<tr>
<td>Financial Aid</td>
<td>863-784-7134 or 7254</td>
<td>B168 (1st Floor)</td>
</tr>
<tr>
<td>Hardee Campus</td>
<td>863-784-7060</td>
<td>Bowling Green</td>
</tr>
<tr>
<td>Health Sciences Division</td>
<td>863-784-7225</td>
<td>HSC133</td>
</tr>
<tr>
<td>Highlands Campus</td>
<td>863-784-6661</td>
<td>Avon Park</td>
</tr>
<tr>
<td>Highlands Career Institute</td>
<td>863-784-7431</td>
<td>L</td>
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<tr>
<td>Honors Program</td>
<td>863-784-7362</td>
<td>HSC221</td>
</tr>
<tr>
<td>Lake Placid Center</td>
<td>863-784-7082</td>
<td>Lake Placid</td>
</tr>
<tr>
<td>Library - Learning Resources Center (LRC)</td>
<td>863-784-7306</td>
<td>Y (2nd Floor)</td>
</tr>
<tr>
<td>Nursing Education</td>
<td>863-784-7118</td>
<td>HSC122</td>
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<tr>
<td>Ombudsman (Student Advocate)</td>
<td>863-784-7431</td>
<td>H206</td>
</tr>
<tr>
<td>Open Computer Lab</td>
<td>863-784-5121</td>
<td>Y101 (1st Floor)</td>
</tr>
<tr>
<td>Panther Youth Partners</td>
<td>863-784-7054</td>
<td>R1</td>
</tr>
<tr>
<td>Registrar</td>
<td>863-784-7139</td>
<td>B151 (1st Floor)</td>
</tr>
<tr>
<td>Retired and Senior Volunteer Program (RSVP)</td>
<td>863-784-7189</td>
<td>Y (2nd Floor)</td>
</tr>
<tr>
<td>Security</td>
<td>863-453-0806</td>
<td>K1</td>
</tr>
<tr>
<td>SFSC Campus Store (Highlands Campus)</td>
<td>863-784-7112</td>
<td>B102 (1st Floor)</td>
</tr>
<tr>
<td>Student Disabilities Specialist.</td>
<td>863-784-7176</td>
<td>B153 (1st Floor)</td>
</tr>
<tr>
<td>Student Government Association (SGA)</td>
<td>863-784-7450</td>
<td>B109 (1st Floor)</td>
</tr>
<tr>
<td>Student Services Division</td>
<td>863-784-7107</td>
<td>B274 (2nd Floor)</td>
</tr>
<tr>
<td>Student Support Services (SSS/TRiO)</td>
<td>863-784-7291</td>
<td>Y102 (1st Floor)</td>
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<tr>
<td>Switchboard (Central)</td>
<td>863-453-6661</td>
<td>B108</td>
</tr>
<tr>
<td>Testing and Assessment Center</td>
<td>863-784-7214</td>
<td>B255 (2nd Floor)</td>
</tr>
<tr>
<td>The Artists’ Group (TAG)</td>
<td>863-784-7388</td>
<td>UC123</td>
</tr>
<tr>
<td>The Hotel Jacaranda</td>
<td>863-784-7338</td>
<td>Avon Park</td>
</tr>
<tr>
<td>Title IX</td>
<td>863-784-7127</td>
<td>B274</td>
</tr>
<tr>
<td>Tutoring and Learning Center (TLC)</td>
<td>863-784-7102</td>
<td>Y101 (1st Floor)</td>
</tr>
<tr>
<td>Veterans Services</td>
<td>863-784-7128</td>
<td>B161 (1st Floor)</td>
</tr>
</tbody>
</table>
RECOGNITION OF ACADEMIC EXCELLENCE - SFSC will recognize you for academic excellence during your course of study. You will be eligible each term for the following distinctions:

President's List - If you earn 6 or more credits for the term and earn a GPA of 3.8 to 4.0, SFSC's president will send you a recognition letter.

Vice President's List - If you earn 6 or more credits for the term and earn a GPA of 3.5 to 3.79, SFSC's vice president for academic affairs and student services will send you a recognition letter.

Graduation with Distinction - If you graduate with an excellent GPA in the associate and/or Baccalaureate degree programs, you will receive recognition on your diploma according to the following GPA:

<table>
<thead>
<tr>
<th>GPA Range</th>
<th>Recognition</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.9 to 4.0</td>
<td>summa cum laude</td>
</tr>
<tr>
<td>3.7 to 3.89</td>
<td>magna cum laude</td>
</tr>
<tr>
<td>3.5 to 3.69</td>
<td>cum laude</td>
</tr>
</tbody>
</table>

If you attended no other postsecondary institution other than SFSC, your GPA is based on the GPA earned at SFSC. If you attended at least one other postsecondary institution and earned 45 or more credits at SFSC toward the associate degree or 90 or more credits at SFSC toward the Baccalaureate degree, your GPA is based on the higher of either the GPA earned at SFSC or the cumulative GPA from all institutions attempted. If you attended at least one other postsecondary institution and earned less than 45 (90) credits at SFSC, your GPA is based on the cumulative GPA from all institutions attended.

If you have fulfilled the requirements for a college credit certificate, career certificate, or Adult High School diploma and achieved a 3.5 GPA or higher, you will graduate with distinction. Likewise, if you have earned a State of Florida High School Diploma with a score of 165 or higher on each of the General Educational Development (GED) tests, you will graduate with distinction.

To be recognized with distinction at the commencement ceremony, the determining GPA will be based upon your previous term cumulative GPA.

Honors Program - If you fulfill the requirements of the Honors Program, you will receive your Associate in Arts degree with an honors endorsement on your transcript and diploma, and special recognition at the commencement ceremony.

Outstanding Student Awards are given annually. If you show leadership in scholastic achievements, student activities, and athletics, you may be eligible.

Phi Theta Kappa is the international honor society that recognizes and encourages scholarship among associate and baccalaureate degree-seeking students. SFSC's chapter, Tau Epsilon, was founded in 1968. The organization provides an opportunity to develop leadership and service, promotes an intellectual climate for scholars, and fosters a continued interest in academic excellence. Eligible students must be currently enrolled in a college credit degree program and must have earned 12 or more college credit hours with a cumulative GPA of 3.25 or higher.

AMERICANS WITH DISABILITIES ACT (ADA) - SFSC seeks to ensure that programs, services, and facilities are accessible to and usable by persons with disabilities. If you are a qualified student with a disability, the College will make every effort to provide reasonable accommodations.

If you are a person with a documented disability, this College Catalog is available to you in hard copy. Telephone or written requests should include your name, address, and telephone or TDD number. Your requests should be made to the ADA student coordinator, SFSC, 600 West College Drive, Avon Park, FL 33825, 863-784-7107 at least two weeks prior to the time you need the publication.

The following College staff members have been assigned to assist in ensuring that you have access to the College's programs, services, and facilities. If you require assistance or have general questions/concerns, contact:

Charla Ellerker, Counselor
Disabilities Specialist
863-784-7176, Building B, Room 152, 1st Floor
600 West College Drive, Avon Park, FL 33825
Charla.Ellerker@southflorida.edu

Dr. Timothy G. Wise, Dean, Student Services
ADA Student Coordinator
863-784-7107, Building B274, 2nd Floor
600 West College Drive, Avon Park, FL 33825
Timothy.Wise@southflorida.edu

COLLEGE YEAR - The College year is divided into fall and spring terms of approximately 16 weeks each and a summer term of 12 weeks with flex sessions in all three terms. The College Calendar is coordinated closely with the calendars of other public colleges, the State universities, and county school systems.

DRUG-FREE CAMPUS AND DRUG-FREE WORKPLACE PROGRAM - SFSC is a drug-free college and workplace. Illegal use of drugs or alcohol will not be tolerated on any SFSC campus or center, or at any SFSC-sponsored event off campus. You will find information regarding the Drug-Free Campus and Drug-Free Workplace Program in the Student Handbook/Planner.
TOBACCO-FREE COLLEGE - SFSC is committed to providing a safe and healthy environment for its employees, students, and visitors. The use, distribution, or sale of tobacco, or any object or device intended to simulate that use, is prohibited in all indoor and exterior areas (including roadways, trails, and pathways) of each campus, center, and other property under the control of the College. College employees, students, visitors, contractors, and all others are expected to comply with SFSC’s Tobacco-Free College policy and the Florida Clean Indoor Air Act at all times.

EQUAL ACCESS/EQUAL OPPORTUNITY (EA/EO) - SFSC pledges to provide equal access to education and employment opportunity to all regardless of race, color, religion, gender, national origin, ethnicity, age, disability, marital status, political affiliation, sexual orientation, pregnancy, or genetic information in admission to, or employment in, any of its educational programs or activities. The College adheres to federal and State laws that control equal access/equal opportunity. This pledge covers all aspects of the educational and employment relationship with our students and employees. If you have concerns regarding this pledge, address them to the EA/EO student coordinator at 863-784-7107. Nothing contained within this College Catalog is intended to discriminate on the basis of the previously mentioned factors.

The following staff members have been assigned to assist in ensuring that you have access to the College’s programs, services, and facilities. Contact these individuals, if you require assistance:

Dr. Timothy G. Wise, Dean, Student Services
EA/EO Student Coordinator
863-784-7107, Building B274, 2nd Floor
600 West College Drive, Avon Park, FL 33825
Timothy.Wise@southflorida.edu

Donald L. Kesterson Jr., Director, Human Resources
EA/EO Employee Coordinator
863-784-7132, Building 1100, 1st Floor
600 West College Drive, Avon Park, FL 33825
Donald Kesterson@southflorida.edu

TITLE IX - Title IX of the Education Amendments of 1972 is a federal law that prohibits discrimination on the basis of sex in educational programs and activities at institutions that receive federal financial assistance. Sexual harassment, which includes acts of sexual violence, is a form of sex discrimination prohibited by Title IX. Sex discrimination is a continuum of behaviors ranging from sexual harassment and intimidation to sexual assault.

SFSC is committed to maintaining a learning environment free from discrimination on the basis of sex, which includes sexual harassment and sexual violence. These acts violate an individual’s fundamental rights and personal dignity and will not be tolerated. SFSC seeks to address sex discrimination, sexual harassment, and sexual violence through education, policy enforcement, and by providing mechanisms for students, faculty, staff, and visitors to report concerns or complaints. Prompt corrective measures will be taken to stop sex discrimination, sexual harassment, and sexual violence whenever it occurs.

In accordance with Title IX regulations, SFSC has designated the following individuals to ensure that all sex discrimination complaints, which includes sexual harassment and sexual violence, are responded to both thoroughly and in a timely manner.

These individuals are responsible for overseeing the monitoring and application of college policy with regards to Title IX law developments; implementation of grievance procedures, including notification, investigation, and disposition of complaints; provision of educational materials and training for the campus community; and coordinating and/or conducting investigations of grievances and complaints pertaining to Title IX. The Title IX Coordinator is primarily responsible for monitoring and overseeing the implementation of Title IX programs and activities. The Deputy Title IX Coordinators assist the Title IX Coordinator in fulfilling these duties:

Kendra Wellnitz, Coordinator, Residence Life and Title IX
Title IX Coordinator
863-784-7127, Building B274, 2nd Floor
600 West College Drive, Avon Park, FL 33825
Kendra.Wellnitz@southflorida.edu

Donald L. Kesterson Jr., Director, Human Resources
Deputy Title IX Coordinator
863-784-7132, Building 1100, 1st Floor
600 West College Drive, Avon Park, FL 33825
Donald.Kesterson@southflorida.edu

Dr. Timothy G. Wise, Dean, Student Services
Deputy Title IX Coordinator
863-784-7107, Building B274, 2nd Floor
600 West College Drive, Avon Park, FL 33825
Timothy.Wise@southflorida.edu

LAW ENFORCEMENT/SECURITY - Campus security personnel are not law enforcement officers. Law enforcement authority for the Highlands Campus is the responsibility of the Highlands County Sheriff’s Office. For enhanced security, a Highlands County Sheriff college resource deputy officer has been assigned to the Highlands Campus (service hours vary). Law enforcement at other campuses is the responsibility of local police. Security personnel are responsible for the safety of personnel and the safety of buildings and their contents. The College works directly with local law enforcement agencies to report criminal activities and incidents.
REPORTING OF EMERGENCY AND CRIMINAL ACTIVITY -
SFSC has developed a set of guidelines for reporting emergencies and criminal activities. It is important to note that each emergency situation or criminal activity has different circumstances requiring different actions. Each action should address the safety and security of victims and other participants. You will find reporting guidelines in the Student Handbook. Procedures for reporting information are posted throughout the College classrooms. For emergencies and security concerns, contact Campus Security at 863-453-0806 on the Highlands Campus, 863-993-1757 on the DeSoto Campus, 863-773-3081 on the Hardee Campus, and 863-465-3003 at the Lake Placid Center.

SAFETY AWARENESS PROGRAMS - Your security and safety is the responsibility of all. Report unsafe conditions or criminal activities; it is important to the safety of everyone at SFSC. You are required to go through student orientation programs that include safety information. Current and continuing students are provided with information regarding personal safety.

SEXUAL MISCONDUCT - SFSC is committed to providing an environment, which is free from all forms of sexual misconduct including sexual harassment, public indecency, voyeurism, battery, or assault. If you are a victim, contact the College’s EA/EO student coordinator at 863-784-7107, and you will receive assistance and support. If you are accused of such a charge, you may be subject to dismissal from the College. Consult the SFSC Student Handbook for the entire policy and the procedures to follow in the event of an act of sexual misconduct.
ADMISSIONS

Admissions Policy
- Admission to Baccalaureate Degree Programs
- Admission to Associate Degree Programs
- Admission to Certificate Programs
- Admission to the State of Florida High School Diploma (GED) Program
- Admission to English for Speakers of Other Languages (ESOL) Program
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Resident Information and Requirements
Testing and Assessment Center
- Placement Testing
- GED Testing
- College Credit Certificate Testing
- Career Certificate Testing

College Developmental Course Rule
College Entrance Testing and Course Placement
Developmental Education Exception Statement
Transfer Students
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Admissions

ADMISSIONS POLICY - You can be admitted to non-controlled access degree programs upon application by presenting an official high school graduation transcript or high school equivalency scores, that meet Florida standards, provided your placement test results indicate the ability to progress successfully. Diplomas are not required for admission to most career certificate programs. You may be required to take a placement test prior to advisement and registration.

If you are 16 years or older and legally out of school, you may be eligible to enroll in career certificate, continuing education, or adult education programs. If you are a high school student, you may enroll in associate degrees or certificate programs provided you have met the dual enrollment and collegiate high school requirements.

Some career certificate programs have limited seating while others have special admission requirements. You are responsible for being aware of the admission requirements for your desired program of study. Advising and Counseling Center staff, faculty advisors in appropriate departments, program managers, coordinators, directors, or instructional supervisors are available to discuss admission requirements and the course of study before enrolling.

The College reserves the right to refuse admission to any individual whose presence on campus has been determined by the College not to be in the best interest of the student and/or SFSC.

Admission applications and specific information about admissions are available on the DeSoto, Hardee, and Highlands campuses, Lake Placid Center, and online at southflorida.edu.

Due to limited space in some classes and programs, class registrations are handled on a first-come, first-served basis. Apply for admission and register for classes as early as possible. Some career certificate programs have special admission requirements and class size restrictions.

I. Admission to Baccalaureate Degree Programs shall include the following criteria:

A. You must have earned an Associate in Science or Associate in Arts degree from a regionally accredited institution.

B. You must provide official transcripts from high school and all previous educational institutions attended.

C. If you are an international student, you must have your transcripts evaluated by a recognized international transcript evaluation service.

D. If you have earned 60 semester credit hours, with a minimum cumulative GPA of 2.0 on a 4.0 scale in relevant transfer courses that apply toward the Baccalaureate degree, but do not have a degree, your admission application will be evaluated case-by-case for determining admission to the Baccalaureate program.

E. If you are a college or university transfer applicant, you must have at least 60 college credit hours, with a minimum cumulative GPA of 2.0 on a 4.0 scale in relevant transfer courses that apply toward the Baccalaureate degree.

II. Admission to Associate Degree Programs shall include the following criteria:

A. You must have a standard high school diploma, a high school equivalency diploma (GED), or previously demonstrated competency (15 credits with C or higher) in college credit postsecondary coursework.

B. If you are home schooled, a signed affidavit must be submitted by your parent or legal guardian attesting that you have completed a home education program pursuant to the requirements of prevailing Florida Statutes.

C. You may be required to take a placement test. The minimum scores are defined in the College Entrance Testing and Course Placement section of the College Catalog.

D. You must submit an official transcript(s) or documentation of all coursework completed.

E. High school transcripts are required if you are applying for financial aid.

F. If you are an international student, you must have your transcripts evaluated by a recognized international transcript evaluation service.

III. Admission to Certificate Programs shall include the following criteria:

A. You may be required to take a placement test.

B. If you are in the College Credit Certificate Program, you must submit an official transcript or documentation of all coursework completed.

C. High school transcripts are required if you are applying for financial aid.

D. If you are an international student, you must have your transcripts evaluated by a recognized international transcript evaluation service.
IV. Admission to the State of Florida High School Diploma (GED) Program shall include the following criteria:

A. You must be at least 16 years of age.
B. You must take the complete battery of the Tests of Adult Basic Education (TABE®).
C. You must register for the appropriate class based on the TABE® or Comprehensive Adult Student Assessment System (CASAS) scores. You will be enrolled in an Adult Basic Education (ABE) class if at least one score is below the equivalent of a 9.0 level and into a GED class if all scores are above the 9.0 grade level. There is a fee if registering into a GED class, check the SFSC website at southflorida.edu/current-students/ged for current fees.

V. Admission to English for Speakers of Other Languages (ESOL) Program:

A. You must be at least 16 years of age.
B. You are not enrolled or required to be enrolled in secondary school.
C. You want to learn to speak, read, and write the English language.
D. You must take the reading and listening portion of the CASAS.
E. You must register for the appropriate class based on CASAS scores.

VI. Admission to Controlled Access Programs is a result of limited space, age or other special requirements. You are admitted to these programs based on the date your completed program application is received and all program requirements are met. For more information on selective programs, see Admission to Controlled Access Programs section of this College Catalog.

APPLICATION FEE - SFSC requires a non-refundable application fee for all new applicants, re-applicants (previous SFSC students who have not taken classes at SFSC in the past 12 months). Students applying as dual enrollment, adult education, or transient will be exempt.

ADMISSIONS PROCEDURES - Students seeking admission to the College must submit an online Application for Admission and pay the application fee. Students in some programs must provide relevant test scores or complete the appropriate testing, complete the mandatory new student orientation, and meet with a counselor/advisor prior to registration for classes.

NEW STUDENTS -

A. You must submit an online Application for Admission verifying that all information is correct and accurate and pay the application fee. The application is available on our SFSC website at southflorida.edu.
B. If you are an independent student (24 years or older), you must complete the residency section included in the online application. If you are a dependent student (younger than 24 years), the residency section must be completed by your parent or guardian (see Resident Information).
C. To be eligible for in-state fees, you, your parent, or guardian (if you are a dependent) must provide information that shows you qualify as a bona fide resident of Florida according to Florida Statutes. You may be required to bring additional supporting documentation such as driver’s license, voter ID, vehicle registration, or tax forms.
D. Right to know information is directly accessible on our SFSC website at southflorida.edu.
E. The Advising and Counseling Center staff will inform you of the placement testing requirements of the program for which you are applying.
F. All applicants, except dual enrollment, collegiate high school and home schooled students, must send directly to the Admissions, Registration, and Records Office, 600 West College Drive, Avon Park, FL 33825 either an official copy of their high school transcript or provide a copy of their GED diploma/scores (and GED scores if from out-of-state), or high school equivalency scores that meet Florida standards.
G. Transfer students who have successfully completed at least 15 hours of college credit may provide official college transcripts in lieu of high school transcripts. High school transcripts are required if you are applying for financial aid.
H. Applicants seeking an associate or Baccalaureate degree who have attended a postsecondary institution must have an official copy of their transcript from each institution they attended sent directly to the College.
I. Applicants who can provide written proof of unusual reasons why any required record is unavailable (e.g., records destroyed by fire, home country in turmoil), may be admitted with the permission of the dean, student services.
J. Applicants for limited enrollment/controlled access programs may be required to provide additional documentation. Controlled access program applicants are referred to the department representative or program manager.

K. All new and returning students (who have not taken orientation within the past two years) are required to complete the Guide to Personal Success (GPS) Quick Start new student orientation. Orientation sessions are offered weekly at the Highlands Campus and several times a term at all other SFSC campuses at varied times. Orientation consists of two parts: 1) Waypoint 1, which is completed online and 2) Waypoints 2-4, which are completed on an SFSC campus. Instructions for signing up for and completing GPS will be automatically provided to students via email as part of their application process. Students may not register for classes until all parts of the GPS orientation have been satisfactorily completed.

If your last date of enrollment is over a year old or if you have attended another college/university since attending SFSC, you must update your previous application. If you have changed your name or changed your program of study, you will be required to complete a Change of Information form or Change of Program form.

You will not be authorized to proceed with registration until an admissions application has been designated as “accepted.”

EARLY ADMISSION PROGRAM - Early Admission is a form of dual enrollment in which qualified high school students enroll full-time at SFSC. Research provides evidence that dual enrollment increases academic performance and educational attainment. The student is no longer academically associated with the high school but course credit is transferred back to the high school for the purpose of awarding the high school diploma. Participants must enroll in a minimum of 12 credit hours but not exceed 15 credit hours. Courses must meet the high school and college degree/certificate plan requirements. Requirements to participate in the Early Admission Program are the same as those for the Dual Enrollment Program. Tuition or textbooks are provided at no cost. Students may enroll in a degree or certificate program. Some programs have limited space while others have special admission requirements. For information, contact the coordinator of admissions at 863-784-7416.

DUAL ENROLLMENT PROGRAM - Dual Enrollment is an accelerated mechanism that allows you to pursue advanced coursework in your target college major while still taking courses that meet the core requirements for high school graduation credit. Courses must apply toward an associate degree or career certificate. Courses are offered at both the high school and college campuses as well as online. You will be advised based on your personal postsecondary degree plan and monitored to ensure continued success. High school guidance staff can assist in initiating the application and registration process. Additional information may be found at southflorida.edu/Dual Enrollment or consult a college advisor for more information.

If you are enrolled in the Dual Enrollment and Collegiate High School Program at DeSoto, Hardee, or Highlands county public schools and your courses meet the core requirements for high school graduation credit, you will not be charged fees for registration or books. Students enrolling as dual enrollment students must take required college credit or technical courses, may be part time or full time depending upon the student enrollment. Early admissions and collegiate high school dual enrolled students attend the College full time.

All public high school dual enrollments will be in compliance with the annual dual enrollment agreement between the College, school board, and Florida Statutes. If you are enrolled in a private school or a home education program, you may enroll in courses taken for high school and college credit and not be charged for registration, but you are responsible for purchasing your textbooks.

Specific details may be obtained from the Parent and Student Guide posted on the College website, SFSC’s dual enrollment coordinator or admissions coordinator, your high school guidance office, or an SFSC campus/center director or academic advisor at southflorida.edu/Dual Enrollment.

I. Public Enrollment Procedure - Dual enrollment and collegiate high school students at the local high schools are to complete the following steps to participate in college credit or technical coursework through SFSC.

Academic Credit

A. Admissions

1. If you are a high school student planning to enter dual enrollment and collegiate high school classes, you will be required to submit the online dual enrollment Admissions Application, and complete testing and the mandatory new student orientation prior to enrolling in academic or technical coursework.

2. If you plan to use your national admissions test scores (ACT/SAT I®) to meet the College’s testing requirement, you must submit an official copy of them to the admission office.

3. Verification of your GPA and guidance office certification is required as part of the admissions application.
B. Testing

The SFSC Testing and Assessment Center will schedule testing dates for each district high school. The dates will be coordinated with appropriate staff at the high schools. The following is the general timeline to schedule testing:

1. Fall Term Enrollment - The Testing and Assessment Center will make arrangements with local high schools to schedule testing dates for any applicants planning to enter dual enrollment and collegiate high school academic classes during the fall term. If you are a continuing student who needs to be retested, you may also test at this time, provided notification of your eligibility has been coordinated with the SFSC testing and assessment director. First Time in College (FTIC) students who are unable to participate in the spring testing will have the option of making arrangements through the SFSC Testing and Assessment Center by calling 863-784-7214.

2. Spring Term Enrollment - The Testing and Assessment Center will make arrangements with local high schools to schedule testing dates for any applicants planning to enter dual enrollment and collegiate high school academic classes during the spring term. If you are a continuing student who needs to be retested, you may also test at this time, provided notification of your eligibility has been coordinated with the SFSC testing and assessment director. Any applicants unable to participate during these dates will have the option of making arrangements through the SFSC Testing and Assessment Center by calling 863-784-7214.

3. Retesting - You may retest after 30 days upon approval of the district school guidance office or the SFSC testing and assessment director. You will need to obtain a retake referral form from your high school guidance counselor or administration. This form needs to document State-required remediation activities in which you have participated.

4. Notification of Test Results - Test results will be forwarded to the appropriate high school and uploaded to the student information system.

C. Registration

1. When you have completed the admissions process, have evidence of appropriate test scores, have an unweighted GPA of 3.0 or above, and have completed the new student orientation, you will be eligible to register for academic dual enrollment and collegiate high school courses.

D. New Student Orientation and Advising

1. All academic dual enrollment students are required to complete the GPS Quick Start new student orientation. Orientation sessions are offered weekly at the Highlands Campus and several times a term at all other SFSC campuses at varied times. Orientation consists of two parts: 1) Waypoint 1, which is completed online and 2) Waypoints 2-4, which are completed on an SFSC campus. Instructions for signing up for and completing GPS will be automatically provided to students via email as part of their application process. Students may not register for classes until all parts of the GPS orientation have been satisfactorily completed.

Technical Credit

A. Admissions

1. If you plan to enter technical dual enrollment, you will be required to submit the Dual Enrollment Admissions Application prior to testing and/or enrolling in technical coursework. You will not be permitted to test or enroll in coursework prior to completion of the application process.

2. The application must list the technical program in which you plan to enroll.

3. The SFSC Admissions, Registration, and Records Office will coordinate admissions applications.

B. Initial Testing

1. If you are advised you need to take the TABE®, you must go to southflorida.edu/Test of Adult Basic Education (TABE®) and read the information on this page. Once read, click on Schedule Your Test and follow the prompts for scheduling.

2. Test results will be forwarded to the appropriate high school and uploaded to the student information system. If you do not attain certification scores for your technical program, you will be assisted with options for remediation.

3. Retesting - Testing candidates may be retested six weeks after the initial administration using an alternate form and after obtaining a referral from the Advising and Counseling Center. All examinees must wait six months before retesting on the same form and obtain a referral from the Advising and Counseling Center.
C. Registration

1. When you have completed the admissions process, have evidence of appropriate test scores, have an unweighted GPA of 2.0 or above, and have completed the new student orientation, you will be eligible to register for technical dual enrollment courses.

D. New Student Orientation and Advising

1. All technical dual enrollment students are required to complete the GPS Quick Start new student orientation. Orientation sessions are offered weekly at the Highlands Campus and several times a term at all other SFSC campuses at varied times. Orientation consists of two parts: 1) Waypoint 1, which is completed online and 2) Waypoints 2-4, which are completed on an SFSC campus. Instructions for signing up for and completing GPS will be automatically provided to students via email as part of their application process. Students may not register for classes until all parts of the GPS orientation have been satisfactorily completed.

II. Private/Home School - Dual enrollment and collegiate high school students at private or home high schools use the following steps to participate in college credit or technical credit coursework through SFSC.

A. Admissions

1. If you are attending a private or home school program and plan to enroll in dual enrollment and collegiate high school classes, you must submit an online Admissions Application prior to testing, new student orientation, and/or registration.

2. You will not be permitted to test or enroll prior to completion of the application process.

B. Testing

1. You must go to southflorida.edu/Postsecondary Education Readiness Test (PERT) and read the information on this page. Once read, click on Schedule Your Test and follow the prompts for scheduling. You must schedule an appointment to take the college placement test prior to scheduling of classes. Test scores will be submitted to the registrar for interpretation and to determine whether you are eligible to enroll in classes. If you plan to use your national admissions test scores (ACT/SAT I®) to meet the College’s testing requirement, you must submit an official copy of them to the Admissions, Registration, and Records Office.

2. Retesting - You may retest after 30 days upon approval of the SFSC testing and assessment director. Evidence of remediation is required.

3. Notification of Test Results - Once testing is completed, your score report will be sent to the Advising and Counseling Center where they will instruct you on score requirements, along with retake and remediation options.

C. Registration

1. The registrar is responsible for approving your registration form each term. You may register during the regular scheduled dates at any SFSC campus. (Registration conducted at the other SFSC locations must have approval of the registrar.)

2. Parents or school officials must submit to the Office of the Registrar a list of courses you need to complete your high school education. You must be at the secondary level of education, have a minimum of 3.0 GPA for college transfer course enrollment, and 2.0 for technical course enrollment.

3. Transcripts of high school, home school, and/or private school courses previously taken must be submitted to the SFSC Office of the Registrar for evaluation prior to registration.

4. An updated transcript must be submitted to the registrar prior to each fall term registration.

5. Parents must submit a signed affidavit of Home Education Program approved by the county and/or a signed affidavit from private school administrators. Parents must sign the Home School Dual Enrollment Agreement.

6. Parents are responsible for the cost of books and transportation to the College.

D. New Student Orientation and Advising

1. All dual enrollment students are required to complete the GPS Quick Start new student orientation. Orientation sessions are offered weekly at the Highlands Campus, online, and several times a term at all other SFSC campuses at varied times. Orientation consists of two parts: 1) Waypoint 1, which is completed online and 2) Waypoints 2-4, which are completed on an SFSC campus. Instructions for signing up for and completing GPS will be automatically provided to students via email as part of their application process. Students may not register for classes until all parts of the GPS orientation have been satisfactorily completed. It is your responsibility to arrange to attend the new student orientation session prior to registering for classes.
ADMISSION TO BACCALAUREATE PROGRAMS - New students seeking admission to baccalaureate programs must submit an online Application for Admission to the College and pay the application fee. If you are currently enrolled, you may submit a Change of Program form to your academic advisor. Applications are online at southflorida.edu. For admission to bachelor’s programs you must meet the specific program criteria:

A. You must provide official transcripts from all previous educational institutions attended.

B. If you are a student with 60 semester credits and no degree, you will be evaluated on a case-by-case for determining admission to baccalaureate programs.

C. If you are an international student, you must have your transcripts evaluated by a recognized international transcript evaluation service.

D. If you are a college or university transfer applicant, you must have at least 60 college credit hours, with a minimum cumulative GPA of 2.0 on a 4.0 scale in relevant transfer courses that apply toward the Baccalaureate degree.

MILITARY AND VETERAN RECRUITING - High-pressure recruitment tactics for the purpose of securing enrollments of active duty military and veterans are banned. The College refrains from high-pressure recruitment tactics such as making multiple unsolicited contacts (three or more), including contacts by phone, email, or in-person, and engaging in same-day recruitment and registration for the purpose of securing active duty military and veteran enrollments.
ADMISSION AND PROGRAM SUPPORT DOCUMENTS -
The following chart summarizes the supporting documents required for the various categories of eligibility (to be sent to the Admissions, Registration, and Records Office). All transcripts must be sent directly from the high school or college to the SFSC Admissions, Registration, and Records Office; copies will not be recognized as official.

<table>
<thead>
<tr>
<th>Admissions Support Documents</th>
<th>Application Form</th>
<th>Residency Affidavit (on application)</th>
<th>H.S. Transcript or equivalent</th>
<th>College Transcript(s)</th>
<th>College Placement Tests (ACT/SAT/PERT or exempt)</th>
<th>School's Recommendation</th>
<th>TOEFL® Score</th>
<th>Certificate of Financial Ability</th>
<th>Supplemental Forms</th>
<th>Teaching Certificate</th>
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</thead>
<tbody>
<tr>
<td>A.A. Degree</td>
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<td>B.A.S./B.S.E.E./B.S.N. Degrees</td>
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<tr>
<th>Program Support Documents</th>
<th>Application Form</th>
<th>Residency Affidavit (on application)</th>
<th>H.S. Transcript or equivalent</th>
<th>College Transcript(s)</th>
<th>College Placement Tests (ACT/SAT/PERT or exempt)</th>
<th>School's Recommendation</th>
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<th>Supplemental Forms</th>
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</table>

*Program support documents.

NOTES:
1. Required prior to advisement and registration for first term from each college or university attended.
2. Required of all students planning to pursue a degree or enroll in college-level courses. (See exceptions under placement testing section.)
3. Target scores used for acceptance into program.
4. You must submit proof of high school completion or college credits prior to advisement/registration for your first term at SFSC.
5. See program criteria.
INTERNATIONAL STUDENTS - You are classified as an international student when you are an alien (non-United States citizen) who has a valid student visa and any other forms required by U.S. Citizenship and Immigration Services.

If you are an applicant who is foreign born but has resident alien status, been granted amnesty, been accepted as a refugee, and/or an asylum-seeker, you are not considered an international student and must present proof of status and Florida residency to be admitted and enrolled in degree, certificate, or adult education programs. Contact the Admissions, Registration, and Records Office at 863-784-7416 for additional information.

Admission of International Students - File required application papers and credentials including admissions test scores (ACT or SAT) at least three months prior to the term for which you plan to register. Required forms and credentials include:

1. A completed Application for Admissions.

2. Official copies of all secondary school and college records in the original language and certified translations into the English language by a translation certifying organization. Transcripts must be evaluated, at your expense, on a document-by-document basis and must show the equivalent of a U.S. high school diploma. A list of certifying organizations is provided in the international admissions packet.

3. Current evidence of proficiency in speaking, writing, and understanding the English language by submitting scores on the Test of English as a Foreign Language (TOEFL®) or the International English Language Testing System (IELTS®) which is required when your native language is not English. TOEFL® is administered by the Educational Testing Service (ETS), at a number of sites worldwide. The telephone number is 609-771-7100, website is ETS.org. IELTS™ tests are held in over 900 locations worldwide with tests up to four times a month and may be found on their website ielts.org. (The code for SFSC is #5666.) You are responsible for making arrangements directly with ETS or IELTS™ to take the examination and for requesting those results to be sent to the Admissions, Registration, and Records Office at SFSC. You must have a score of at least 500 on the paper version, 173 on the computer- based version and 61 on the internet version of the TOEFL®, and at least a Band 6 on the IELTS™.

4. Provide a certified declaration of finances that indicates you will have sufficient funds to pay full matriculation and tuition fees, textbooks, and living and transportation expenses. The funds must be available to you each term of enrollment. Estimated expenses for a 12-month period are $24,000 U.S. currency.

5. Provide proof of standard health insurance for the entire period of enrollment at the College. SFSC does not provide health and medical services.

When all required forms and credentials have been received, SFSC will issue you an I-20 form for obtaining a student visa. International students must meet all other admission requirements.

RESIDENT INFORMATION AND REQUIREMENTS - You will be classified as a resident or non-resident for the purpose of assessing tuition fees in public colleges and universities (Section 1009.21, Florida Statutes (F.S.) under Rule 6A-10.044, Florida Administrative Code (F.A.C.)).

I. Definitions under this section:

A. “Parent” means either or both parents of a student, any guardian of a student, or any person in a parental relationship to a student.

B. “Dependent child” means any person, whether or not living with his or her parent, who is eligible to be claimed by his or her parent as a dependent under the federal income tax code.

C. “Institution of Higher Education” means any of the constituent institutions under the jurisdiction of the State University System or the Florida College System.

D. “Legal resident” or “resident” means a person who has maintained his or her residence in this State for the preceding year, has purchased a home which is occupied by him or her as his or her residence, or has established a domicile in this State pursuant to Section 222.17, Florida Statutes (F.S.).

E. “Resident for Tuition Purposes” means you qualify as provided in subsection (II) for the resident tuition rate.

F. “Non-resident for Tuition Purposes” means you do not qualify for the resident tuition rate.

G. “Initial enrollment” means the first day of class at an institution of higher education.

II. To qualify as a resident for tuition purposes - Rule 6A-10.044, Florida Administrative Code (F.A.C.) requires that each student shall submit FORM FRD-1 Florida Residence Declaration for Tuition Purposes which is posted on the College homepage under Future Student-Apply:

A. If you are a dependent, your parent(s) must have established and maintained legal residence in this State for at least 12 consecutive months immediately prior to your qualification. A copy of your parents’ most recent tax return or other documentation may be requested to establish dependence/independence.
B. You or your parents - if you are a dependent, you will be required to make a statement as to the length of your residence in the State or the presence of your parent(s) in the State during the past 12 months was for the purpose of maintaining a permanent residence rather than for the purpose of maintaining a mere temporary residence or abode incident to enrollment in an institution of higher education. Florida Statutes require that you demonstrate 12 months of continual residency solely for the purpose of maintaining permanent residency.

C. You may qualify as a resident for tuition purposes if you live with an adult relative who has maintained legal residence in Florida for at least 12 consecutive months immediately prior to your qualification, provided you have resided continuously with this relative for three years immediately prior to your qualification. The adult relative must have exercised day-to-day care, supervision, and control over you.

D. If you are a dependent whose parents are residents of Florida and divorced, separated, or otherwise living apart, your legal residence will be deemed to be this State.

III. You will not be classified as a resident for tuition purposes and will not be eligible to receive the resident tuition rate until you have provided clear and convincing documentation related to legal residence.

IV. Living or attending school in Florida does not establish a legal residency for tuition purposes. Maintaining a legal residence in Florida requires substantial physical presence as a condition.

V. You will be considered eligible to establish Florida residency for tuition purposes if you are a non-U.S. citizen such as a permanent resident, parolee, refugee, or other permanent status person (e.g., conditional permanent residents and temporary residents), who has applied to and has been approved by the U.S. Citizenship and Immigration Services (USCIS) with no date certain for departure. For a list of eligible visa categories, contact the Admissions, Registration, and Records Office at 863-784-7416.

VI. If you physically reside in Florida, you may be classified as a resident for tuition purposes if you marry a person who meets the 12-month residency requirement under Section II and who is a legal resident of this State.

VII. If you are a non-resident, who marries a legal resident of this State or marries a person who later becomes a legal resident, you may, upon becoming a legal resident of this State (and relinquishing all legal ties to any other State), become eligible for reclassification as a resident for tuition purposes upon submitting evidence of your own legal residency in the State, evidence of your marriage to a person who is a legal resident of the State, and evidence of your spouse’s legal residence in the State for at least 12 consecutive months immediately preceding the application for reclassification.

VIII. You will not lose your resident status for tuition purposes solely by reason of serving, or, if you are a dependent, by reason of your parent’s or parents’ serving, in the armed forces outside this State.

IX. If you have been properly classified as a resident for tuition purposes but, while enrolled in an institution of higher education in this State, you lose your resident tuition status because you (or if you are a dependent, your parent or parents) establish domicile or legal residence elsewhere, you shall continue to enjoy the resident tuition rate for a statutory grace period, which period shall be measured from the date on which the circumstances arose that culminated in the loss of resident tuition status and shall continue for 12 months. However, if the 12-month grace period ends during an academic term for which you are enrolled, such grace period shall be extended to the end of that academic term.

X. If you cease to be enrolled at or graduate from an institution of higher education while classified as a resident for tuition purposes and subsequently abandon your domicile in this State, you will be permitted to re-enroll at an institution of higher education in this State as a resident for tuition purposes without the necessity of meeting the 12-month duration requirement of this section whether you have re-established your domicile in this State within 12 months of such abandonment and continuously maintained the re-established domicile during the period of enrollment.

XI. You will be classified as a resident for tuition purposes (documentary evidence is always required when, in the judgment of the reviewing officials, inconsistencies with Florida residency for tuition purposes appear in the application materials and documents):

A. if you are an active duty member of the armed services of the United States residing or stationed in Florida (and spouse/dependent children) or military service member not stationed in Florida whose home of record or State of legal residence certificate, DD Form 2058, is Florida;

B. if you are an honorably discharged veteran of the U.S. Armed Forces, U.S. Reserve Forces, or the National Guard or student who uses educational assistance provided by the U.S. Department of Veterans Affairs who physically resides in Florida while enrolled at SFSC;

C. if you are a full-time instructional and administrative personnel currently employed by State public schools, colleges, and institutions of higher education
XII. Residency Reclassification Determination. If you are classified as a nonresident for tuition purposes, you may become eligible for reclassification as a resident for tuition purposes by presenting a minimum of three (3) documents identified in Section 1009.21(3)(c)(1) or 1009.21(3)(c)(2), Florida Statutes (F.S.), that convincingly demonstrate the establishment of your permanent legal residence in Florida other than for the sole purpose of pursuing a postsecondary education. Documentation must demonstrate that you have maintained legal residence in Florida for at least 12 consecutive months prior to your initial enrollment in an institution of higher education. You may also be eligible for reclassification under the following circumstances:

A. You have documentation of permanent full-time employment in Florida for at least 30 hours per week for a 12-month period while not enrolled in a public postsecondary institution in Florida; or

B. You have purchased a home in Florida and reside therein for the 12-month period while not enrolled in a public postsecondary institution in Florida.

XIII. Residency Reclassification Appeal Process. If you are otherwise unable to qualify for in-state classification by the guidelines posted in the College Catalog, you may submit a petition to the Residency Appeals Committee in the Office of the Registrar. You must include documentation evidencing the grounds on which the appeal for in-state classification is based. Petition forms are available at any campus or center and on the Office of the Registrar’s webpage. The Residency Appeals Committee will render a final residency determination in writing including the reason for the determination.

TESTING AND ASSESSMENT CENTER - The SFSC Testing and Assessment Center schedules and administers placement tests and other assessment batteries to students at all levels. Counselors, instructors, and community agencies may refer students as well as provide implications and discussion of test results. Contact the Testing and Assessment Center at 863-784-7114 to schedule your exam.

Placement Testing - If you enroll in an associate degree program and some certificate programs, you may be required to have college placement test scores on file or take the placement test given by the College as a part of the admissions procedure. This placement test includes mathematics, reading, and English language skills.

You are not required to take the test, if you:

• have an A.A. degree or higher;
• are non-degree seeking;
• are registering for 11 credit hours or fewer (college-level math and English courses require placement test scores);
• are a transfer student who has completed all required college-level English and math courses;
• have records that indicate you have already taken one of the State-mandated tests within the last two years; or
• entered the ninth grade in a Florida public school in the 2003-04 school year, or any year thereafter, and earned a Florida standard high school diploma, or if you are currently serving as an active duty member of any branch of the U.S. Armed Services, you will not be required to take the common placement test and will not be required to enroll in developmental education instruction at a Florida College System institution. If you are not required to take the common placement test and not required to enroll in developmental education, you may opt to be assessed and enroll in developmental education. Always check with your Advisor regarding placement test requirements. Call the Testing and Assessment Center for more information at 863-784-7214.

The placement test is not a pass/fail test. Students are encouraged to review before the test. Information about review materials is available on the Testing and Assessment Center webpage at southflorida.edu. You should contact the Advising and Counseling Center for interpretation of placement scores at 863-784-7131. SFSC advisors use test results to determine your academic level upon entering and to place you in the proper course selections.

The placement tests accepted by SFSC are those designated by the State Board of Education. These are the college entrance exams of the American College Testing Program (ACT), the Scholastic Aptitude Test (SAT®), and the Postsecondary Education Readiness Test (PERT). Placement scores that are over two years old at the time of admission with no course enrollment cannot be accepted.
If you have not met the State Board of Education placement scores on any part of the ACT or SAT and are not exempt from placement testing, you must take the respective part or parts of a college placement test.

GED Testing - See Adult Education Section of this College Catalog.

College Credit Certificate Testing - For advising purposes, if you enroll in a college credit certificate program, the TABE® is recommended.

If you have an associate degree or higher, or have scores at or above the State minimum acceptable scores on the ACT, SAT I®, or college placement test within the past two years, you are exempt from college credit placement testing and from the TABE® requirement as outlined in Rule 6A-10.040, Florida Administrative Code (F.A.C.).

Career Certificate Testing - If you are in career certificate programs of 450 or more hours, you may be required to take the TABE® or any other test designated by the Florida Department of Education within the first six weeks after admission to the program.

If you do not meet the minimum basic skills grade levels scale scores for your career certificate program, you will be given the opportunity to upgrade your skills in reading and mathematics before the completion of your career certificate program. You must meet the minimum basic skills grade level for your career certificate program in order to be eligible for a career certificate as outlined in Rule 6A-6.0571, Florida Administrative Code (F.A.C.).

If you are a new student, you must provide TABE® scores that are less than two years old at the time of your admission. If the career certificate program basic standards are at or above the 9.0 grade level, you must provide Level A, Complete Battery, TABE® scores. Programs with standards below 9.0 grade level may provide either A or D level TABE® scores.

Some limited access programs require that you meet minimum basic skills requirements prior to entry into the program. You should consult the schedule so that you can complete all requirements prior to class start dates and admission to the program.

COLLEGE DEVELOPMENTAL COURSE RULE - Your placement test scores may require that you enroll in a developmental mathematics, writing, or reading course. It is important for your college success that you demonstrate sufficient mathematics, writing, and reading proficiencies. When you enroll for SFSC courses, your proficiencies in these areas may be assessed. If your scores on a college placement test are below college-level for mathematics and/or communication, you may have to pursue one of the three alternatives to college developmental instruction:

1. College developmental courses,
2. Proprietary college developmental courses, or
3. Special web-based instruction available at the TLC.

You may be required to enroll in college developmental courses if your college placement test scores are below the cut scores required for college-level English, reading, and math. Your TABE® scores will then determine proper placement in college developmental instruction (see College Entrance Testing and Course Placement Procedures chart).

You may attempt a college developmental course three (3) times at SFSC. An attempt is defined as "remaining enrolled past the end of the Drop with Refund Period" (see College Calendar). If you do not successfully pass your third attempt, you will not be permitted to continue in college developmental courses and enroll in any college credit courses simultaneously. You will be given an opportunity to participate in an alternative program designed to work with you on an individual basis to prepare you to re-enter the regular college-level curriculum, or you may petition to enroll in a fourth attempt in college developmental courses. If you have not successfully completed a college developmental course after the second attempt and desire to continue your efforts toward an associate degree, you will be required to pay the full cost of instruction, which is equal to the non-resident course fees. An exception to the fee may be granted under extenuating circumstances.

You may not withdraw from a third or fourth attempt of a college developmental course.

COLLEGE ENTRANCE TESTING AND COURSE PLACEMENT - You may be required to take an entrance placement test. Career certificate programs have a grade level requirement in English and math on the TABE® for you to graduate from the program. If you have questions regarding the testing program, contact a counselor/advisor, the Testing and Assessment Center, program manager, or a campus/center director for more information.

If you are a degree-seeking student with college placement test scores that suggest you enroll in one or more college developmental courses, you may either remediate using the TLC resources and re-test or enroll in the college developmental courses required of you. If you choose the latter route, you may also concurrently enroll in college credit courses that do not require the skills addressed in your college developmental courses. If your college placement test scores require that you enroll in more than one developmental course, you must also enroll in SLS 1501 - Master Student/College Success. SLS 1501 provides three hours of elective
college credit towards a degree. This requirement is to provide you with life skills and study skills to enhance your learning experience.

Once you begin taking a college developmental course, you may re-test at any time. If you meet the required college placement test score, you must complete the class or withdraw before the last date to drop with refund. If you stop attending and do not withdraw, you will receive a failing grade for the class. Should you fail to successfully complete a college developmental class, you may re-test and, if you achieve the requisite college placement test score(s), you may advance to the appropriate college developmental class or a college transfer class if there is no higher college developmental class to be completed. Any student with a college placement test score that indicates assignment to a college developmental sequence may remediate using the TLC web-based resources. Upon completion, that student may re-test. If your college placement test re-test is successful, the new score replaces your original one.

DEVELOPMENTAL EDUCATION EXEMPTION STATEMENT - You are exempt from taking placement tests and enrolling in developmental education at any Florida College System institution, if you:

- Entered 9th grade in a Florida public school in the 2003-2004 school year, or any year thereafter, and earned a Florida standard high school diploma.
- Served or you are serving as an active duty member of any branch of the United States Armed Services.

The following students are not eligible for the Developmental Education Exemption and will be required to take the PERT placement test and enroll in the courses indicated by the placement score(s):

- Students who graduated from an out-of-state high school
- Home schooled students
- Private school students
- GED students

TRANSFER STUDENTS - If you are a degree-seeking student, you must have an official transcript sent from each institution of higher education attended to the Admissions, Registration, and Records Office prior to advisement/registration for your first term at SFSC.

An evaluation of credit course transferability is made soon after you are admitted to SFSC and the official transcript is received. If you wish to apply for academic amnesty, see the Academic Regulations section of this College Catalog. Placement scores, if required, must be completed within the last two years.

Transfer credit is defined as follows (criteria will apply where relevant):

1. If you are admitted in good standing or on probation, you will receive credit for courses in which you have made a grade of D or higher at another college or university, except for courses used as writing and computation course requirements, provided the courses are relevant to the instructional program of SFSC (see Writing and Computation Course Requirements in this College Catalog).

2. If you are a transfer student, admitted on probation, and fail to earn a 2.0 GPA on work attempted during your first term at SFSC, you will be subject to suspension (See Academic Suspension).

3. All incoming transfer credit is evaluated by the Office of Admissions, Registration, and Records based on several criteria. All lower-division credits (and upper-division credits for bachelor's degree students) awarded by a regionally accredited agency transfer to SFSC. If the credits were awarded by a non-regionally accredited agency or by an institution that is not part of the statewide articulation agreements, then the registrar and appropriate faculty/instructional supervisors will evaluate each course individually and will make a decision regarding equivalency based on available documents. To ensure that the transfer course is fully equivalent to that taught by SFSC, you must submit the following: the course description in the catalog of the awarding institution; a copy of each course syllabus that indicates textbooks and course requirements; and educational credentials of the instructor.

TRANSIENT STUDENTS - If you attend another college or university as a transient student and apply the courses taken from another college or university to the program of study at SFSC, you must have completed 15 credit hours at SFSC and have prior approval from the dean, student services or designee.

NOTE: Transient students should apply for approval to take coursework at other institutions at floridashines.org.

If you are currently enrolled at another college or university and wish to take courses from SFSC and apply the credit earned to a program at your home institution, you must obtain a transient student approval form from your institution. This approval will ensure that you are registering for appropriate courses at SFSC which will be accepted by your home institution. Completion of the form permits you to attend SFSC without submitting transcripts and/or taking the placement test from SFSC.
HAS TAKEN ACT or SAT® IN PAST 2 YEARS

| YES | TAKE PERT | NO |

| YES | REGISTER IN COLLEGE CREDIT COURSES |

| NO | COURSE |

**Scores at or above college cut scores:**
- ACT Reading 19
- ACT Writing 17
- ACT Math 19
- SAT® Reading 24
- SAT® Math 24

**Postsecondary Education Readiness Test (PERT) Scores:**

- **Reading**
  - 106 – 150: Freshman English – ENC 1101
  - 84 – 105: Reading II
  - 50 – 83: Reading I

- **Writing**
  - 103 – 150: Freshman English – ENC 1101
  - 90 – 102: Writing II
  - 50 – 89: Writing I

- **Math #**
  - 123 – 150 or ACT 21 or SAT® 25: MAC 1105 or STA 2023
  - 114 – 122 or ACT 19 – 20 or SAT® 24 – 24.9: MAT 1033 elective credit, MGF 1106, or MGF 1107
  - 96 – 113: Beginning Algebra
  - 50 – 95: Pre-Algebra

**# Students who wish to place into higher level mathematics may take the College Level Math (CLM) placement exam. Eligibility for the CLM exam requires a minimum of one of the following scores:**
- SAT® 25 or higher, ACT 21 or higher, or PERT 123 or higher.

**College Level Math**
- 90 – 120: MAC 1140 or MAC 1147
- 70 – 89: MAC 1114 or MAC 2233
- 0 – 69: MAC 1105, MGF 1106, MGF 1107 or STA 2023
ACADEMIC SUPPORT

Adult Education
   Adult Basic Education (ABE)
   Adult English for Speakers of Other Languages (ESOL)
   General Educational Development (GED)
   Applied Academics for Adult Education (AAAE)
   Fees for Adult Education Courses

Career Development Center
   Student Work-Based Learning Opportunities
   Cooperative Education (Co-op)
   Internship
   Work Study Employment
   Community Employment Opportunities

Distance (Electronic) Learning
   Online Asynchronous
   Hybrid Blend
   On-Campus

Student Services
   Advising and Counseling Center
   Students with Disabilities
   Learning Resources Center (LRC)
      The Library
      The Tutoring and Learning Center (TLC)

Student Support Services/TRiO

Community Outreach Programs
   The Farmwork Career Development Program (FCDP)
   The Panther Youth Partners (PYP)
Adult Education

The Adult Education Department at SFSC provides alternative pathways for students who need to earn a State of Florida High School Diploma, improve basic skills to be productive workers, family members, and citizens, or prepare for college. Classes are offered during the day and evening at the various locations throughout Highlands and Hardee County. For more specific information regarding locations and class times call 863-784-7441.

You must be 16 years or older and not currently enrolled in a secondary school.

ADULT BASIC EDUCATION (ABE) - ABE classes assist learners in mathematics, Language Arts, (language, speaking and listening, and writing) and reading. The purpose is to provide the foundation of knowledge and skills you will need to transition to adult postsecondary programs. Visit our webpage for more information at adult-basic-education.

ADULT ENGLISH FOR SPEAKERS OF OTHER LANGUAGES (ESOL) - ESOL classes assist non-native English speakers to improve reading, writing, speaking, listening, and pronunciation and comprehension skills in English. Within the 6 ESL levels, ranging from Beginning to Advanced, content covers basic literacy skills and addresses a broad spectrum of workforce competencies as well as English language skills. Visit adult-english-speakers-other-languages-esol on our website for more information.

GENERAL EDUCATIONAL DEVELOPMENT (GED®) - These classes are offered for students preparing to take the GED® examination which consists of 4 content-area assessments: Reasoning through Language Arts, Mathematical Reasoning, Science, and Social Studies. This program strives to motivate students to simultaneously earn credentials in a Career Certificate (C.C.) approved program. Visit our website at general-educational-development-ged for more information.

APPLIED ACADEMICS FOR ADULT EDUCATION (AAAE) - AAAE classes prepare students to meet academic requirements for career and technical programs.

Fees for Adult Education Courses - Adult Education students enrolled in ABE, ESOL, GED, or AAAE program will be charged a flat or block tuition of $28.50. This fee may be waived.

Career Development Center

Several different types of student employment and experiential learning opportunities are provided at SFSC to assist you with career decision-making and transition from college to career.

STUDENT WORK-BASED LEARNING OPPORTUNITIES - Student work-based learning experience can provide you many benefits, including

• an opportunity to learn first-hand about careers or industries and to make connections that may lead you to future employment prospects;
• verifiable work experience for inclusion on your resume;
• a venue in which to develop and practice a range of transferable basic skills;
• a way to explore your career options to help you make sound career choices; and
• extra income to help reduce your college expenses.

COOPERATIVE EDUCATION (Co-op) - Co-op is designed to make your educational program more relevant and meaningful by integrating your classroom curriculum with academically related periods of practical experience related to your major field of study and career objectives. This program is called Cooperative Education (Co-op) because it involves a cooperative alliance between SFSC, local employers, and you. Classroom learning is supported and reinforced by a series of working experiences in business, industry, health, or public sector agencies. You may earn college credit and grades while working in a position related to your academic and career goals. Co-op strengthens understanding, clarifies interests, supports personal growth, and enhances your professional preparation.

A Co-op placement can be arranged while you are concurrently attending college. Most Co-op positions are unpaid; however, you may be able to apply regularly scheduled hours at a related job to meet Co-op requirements in some situations. You may earn a maximum of 7 credit hours toward an associate degree, over several college terms, through Co-op participation. Some career certificate programs include Co-op or internship as a mandatory component of the program.

To participate in liberal arts Co-op (Co-op provided through the Division of Arts and Sciences*), you must:

• be a current SFSC student in good standing who is registered for SFSC classes during the term of the Co-op experience;
• have successfully earned at least 12 college credit hours at SFSC unless approved by the director of the Career Development Center;
• hold an overall GPA of 2.5 or higher;
• meet all requirements of the selected employer work site (this may include orientation, background screening, interview, or other items); and
• register for the Co-op course with approval of the director of the Career Development Center.

*NOTE:* The Division of Applied Sciences and Technologies has different policies, procedures, and guidelines for Co-op experiences associated with its various career certificate programs. Contact the dean, Applied Sciences and Technologies for more information about those Co-op opportunities at 863-784-7424.

**INTERNSHIP** - An internship is similar to Co-op with one important difference: you do not earn college credit for participation in an internship. An internship is a method through which you can gain valuable, intense experience in a workplace in the career field you are pursuing. This may help you confirm your career choices or explore other career options, network with potential employers, and gain valuable knowledge and skills to enhance your future employability opportunities. Most internships are unpaid experiences. An internship can be arranged in almost any occupational field or career. If you are interested, contact the director of the Career Development Center at 863-784-7410.

**WORK STUDY EMPLOYMENT** - Work Study provides part-time employment to help students earn funds to assist with educational costs. The Work Study program allows students to work in on-campus departments, assisting with clerical work, and other duties as assigned. Students earn the current minimum wage per hour for a maximum of 10 to 15 hours per week.

To be eligible for most types of Work Study you must:
• be a current SFSC student in good standing and currently be enrolled at SFSC for at least the equivalent of half-time student status (a minimum 6 credit hours during fall and spring terms, and six hours during the combined summer A and B terms);
• have a current FAFSA® on file in the Financial Aid Office;
• document an unmet financial need (via FAFSA®, etc.) as determined by Financial Aid Office; and
• hold an overall GPA of 2.0 or higher.

For more information about Work Study, contact the Financial Aid Office at 863-784-7134. To apply, contact the Career Development Center at 863-784-7410.

**COMMUNITY EMPLOYMENT OPPORTUNITIES** - The Career Development Center at SFSC partners with CareerSource Heartland to provide students and alumni with free access to the Employ Florida Marketplace (EFM) statewide database on which a variety of part-time and full-time employment opportunities are posted. In addition, SFSC provides free subscriptions to College Central Network for students and alumni. Using College Central you can search for internships, work study opportunities, and jobs available locally, state wide, and nationally. Stop by the Career Development Center to search the EFM database and to register for access to College Central. The Career Development Center can also assist you with resume and cover letter preparation, interview practice, and job hunting strategies workshops.

**Distance (Electronic) Learning**

SFSC offers you the opportunity to receive instruction at a distance to fit your education around your work schedule and home life. Currently, three instructional delivery modes are in use. Each involves at least some learning that takes place outside the traditional classroom setting.

The types of distance learning currently available are:
• **Online (Asynchronous)** - 80% or more of the instruction of these courses is online. These courses use web-based instruction, communication, and collaboration. Courses may require proctored examinations and may include opportunities for face-to-face orientations, but there may also be no class attendance requirements. Check the Schedule of Classes for specific course attendance requirements for each online course.

• **Hybrid Blend** - 30-79% of the instruction of these courses is online. These courses may include required classroom attendance and alternate distance learning delivery methods. Hybrid Blend courses have considerable instruction distributed over the internet and/or via other distance learning delivery methods, which may replace some face-to-face class sessions.

• **On-Campus** - 30% or less of the instruction has formal course designations, many courses involve some instruction and resources via course websites. Some courses have their syllabi and course notes posted online, but the course is otherwise a traditional face-to-face course. Enhanced with a variety of technology resources these courses have no classroom meeting time reduction, but have substantial internet/electronic components.

SFSC provides you with an account in our distance learning environment. This environment, Brightspace®, includes access to your SFSC email, news bulletins, and course resources. Your default username is your SFSC email address and default password is your eight-digit date of birth (MMDDYYYY). Should you need additional assistance with your username and password technology questions, contact our Student Services Department at 863-784-7405.
Student Services

ADVISING AND COUNSELING CENTER - After you have completed the application process, appropriate testing, and new student orientation, the next step in registering is academic advising/counseling. You should arrange to meet with a counselor/advisor either by calling or visiting DeSoto, Hardee, or Highlands Campuses or Lake Placid Center. Advising/counseling services are available at the DeSoto, Hardee, and Highlands campuses and Lake Placid Center, Monday through Thursday, 8 a.m. to 6 p.m., and Friday, 8 a.m. to 5 p.m. Hours may be shorter during summer term. Appointments are available during non-registration periods.

You are encouraged to discuss your academic goals and intended program of study with the advising/counseling staff, SFSC center or campus director, or instructional supervisor/manager. Advisors/counselors can help you register, identify your values and interests, plan your education, assist in deciding a career, and assist you in resolving problems that might interfere with academic and personal success. All advising/counseling or instructor sessions and your records are confidential. If you are a first-time enrolling student, you are required to see an advisor/counselor prior to registration.

STUDENTS WITH DISABILITIES - In keeping with the College’s open door philosophy and in accordance with the Americans with Disabilities Act and the amendments to the Americans with Disabilities Act 2008 and section 504 of the Rehabilitation Act of 1973, SFSC provides reasonable accommodations to educational and training opportunities for qualified individuals with documented disabilities. It is the responsibility of the student or prospective student to self-identify with the disabilities specialist and provide appropriate documentation. Individuals who choose not to self-identify may be ineligible for services and/or accommodations. Services include but are not limited to: admission and registration assistance, orientation, note taking, tutoring, testing accommodations, readers, audio books, course substitutions, and assistive technology. For more information, contact the disabilities specialist through the SFSC website at southflorida.edu; by email at disabilities.specialist@southflorida.edu; 863-784-7131; or in person at Building B, The Advising and Counseling Center, Room 153, Highlands Campus.

LEARNING RESOURCES CENTER (LRC) - The Learning Resources Center (LRC) is located on the Highlands Campus and includes the College Library and the Tutoring and Learning Center (TLC), as well as TRiO, Curriculum Support, and RSVP. The purpose of the departments within the LRC is to support and supplement the learning activities by providing the materials, equipment, technology, and staff required to satisfy the informational and study needs of members of the College faculty, staff, students, and residents of the communities served by the College.

The Library - The Department of Library Services provides materials and services to SFSC students, faculty, staff, and community members. The Highlands Campus Library is located on the second floor of the LRC in Building Y. Libraries are also maintained on the DeSoto and Hardee campuses and at the Lake Placid Center. All College libraries collect and circulate books and audio/visual items, and offer an extensive collection of full-text electronic e-books. Journals, magazines, and newspapers are available for reading on site.

Computers in each library provide access to the SFSC library catalog and databases, other library catalogs, libguides, and internet access, as well as word processing, spreadsheets, and other desktop applications. Wireless internet access is available in all of the SFSC libraries. The library subscribes to useful online databases to support SFSC coursework. Library online products may be accessed from any place at any time by going to the Student tab in Panther Central and choosing Library Resources.

Reference assistance is available in person, by phone, online chat, texting, and via email, from staff at the Highlands Campus Library Reference Desk. Telephones located in the libraries at the DeSoto and Hardee campuses and Lake Placid Center also provide a direct line to the Highlands Campus reference desk. In addition, librarians provide library skills instruction to classes at all SFSC campuses/center, at instructors’ requests. Contact the SFSC librarians at 863-784-7306 with any questions on the use of library materials and services.

Interlibrary loan arrangements enable the SFSC Library to locate and request materials from other State and national libraries. Reciprocal borrowing privileges with the Heartland Library Cooperative are also available.

Borrowers are responsible for returning their materials on time. The library is not obligated to notify borrowers of overdue items; however, reminder emails are sent out. A fee is charged for late return of materials. Returning overdue materials to the book drop in no way negates the borrower’s responsibility to pay late fees. Borrowers can track their library account through MyAccount on the main library page of the SFSC website. The loss of materials should be reported at the Circulation Desk as soon as possible. Replacement costs include price to purchase, a processing fee, and late fines, if any.

Fee-based printing and copying are available at the Highlands Campus Library. The library uses a wēpa printing kiosk that accepts payment via personal credit/debit cards or an online wēpa account. For more information, go to the Library Printing Guide. A scanner is available for copies that print to the kiosk or can be saved to USB or a smartphone.
In the fall and spring, the Highlands Campus Library is open 7:30 a.m. to 9 p.m., Monday through Thursday; 7:30 a.m. to 5 p.m., Friday. Hours are subject to change and special hours, such as extended hours prior to final exam week, will be posted in Panther Central and Brightspace®. Summer hours vary and will also be posted. Libraries at the DeSoto, Hardee, and Lake Placid sites are open when the campus or center is in operation.

Students are encouraged to visit our libraries for reading, studying, and research throughout the day. Games, puzzles, and other activities are available at the Highlands Campus. We strive to create pleasant, welcoming environments and provide support for student success.

The Tutoring and Learning Center (TLC) - Our staff and facilities promote academic success by providing free services to all currently enrolled students at SFSC, students who are participating in approved programs, and alumni of the College no matter what the particular assignment, campus, or skill level.

The TLC is located on the first floor of the Learning Resource Center (LRC) in Building Y on the Highlands Campus. The TLC consists of the Mathematics Lab (in Room Y103) and the Writing Lab (in Room Y105). The phone numbers for the labs are as follows: Math Lab: 863-784-7369 and Writing Lab: 863-784-7423. The Math and Writing Labs are open Monday-Friday during the fall, spring, and summer (first flex session) terms including the week of final exams in the fall and spring terms. Check the Math and Writing Lab schedules/hours of operation for the particular term. No appointments are necessary, and there is no limit to the number of visits to the labs. Online tutoring is also available.

In an effort to document student usage and support enhanced services, the AccuTrack system is available in both labs. This user-friendly system requires you to sign in and out using your identification or GID number.

The TLC is a welcoming environment conducive to the College learning process where you can:

• participate in one-on-one or group tutoring sessions in a personalized setting;
• obtain assistance and feedback from knowledgeable mathematics and composition faculty members, specialists, and work study student tutors;
• get a helping hand with any learning need or assignment;
• locate supplemental learning resources;
• organize study discussions and tutoring groups;
• conduct internet research;
• access email and Brightspace®;
• work on, prepare, and complete coursework/study;
• print (from printers upstairs in the library); and
• consult a librarian upstairs for research questions.

In addition, SFSC offers an online tutoring service in Brightspace® called Smarthinking. To access this resource, simply click on the Smarthinking tab in any course in Brightspace®, or follow the steps below.

• Launch your internet browser (Internet Explorer, Mozilla Firefox, Google Chrome, etc.);
• Go to smarthinking.com;
• In the User Name box, type your username or Brightspace® online email address (e.g., smithj@online.southflorida.edu); and
• In the Password box, type your password (the original default is: 1234).

In the event of questions or difficulties, contact the Office of Educational Technology Support via email at Brightspace-Support@southflorida.edu or call 863-784-7017.

Student Support Services / TRiO

Student Support Services (SSS/TRiO) is a Federal TRiO Program designed to increase retention, graduation, and transfer rates among students who participate in the program. SSS/TRiO staff members work with students to overcome obstacles that might otherwise prevent them from earning a degree. Services provided are tutoring, specialized academic advising and transfer counseling, career exploration, college success workshops, university tours, and cultural events. Entrance to the program is by application. You are eligible if you meet one of the following criteria: you are a first-generation college student (neither parent graduated with a four-year degree); you are income-eligible as determined by federal guidelines; or if you have a documented disability. You must also be enrolled in an associate degree program and be seeking to ultimately earn a bachelor’s degree. You will be assigned a success coach who will work with you on a one-to-one basis to assist you with achieving your academic goals. For more information, contact the SSS/TRiO Office at 863-784-7291 or visit the SSS/TRiO Office (Y101) located on the first floor of the Learning Resources Center (Building Y).
Community Outreach Programs

THE FARMWORKER CAREER DEVELOPMENT PROGRAM (FCDP) - helps migrant and seasonal farmworkers, and their dependents, in DeSoto, Hardee, and Highlands counties overcome educational and employment acquisition barriers. The FCDP provides educational and supportive services to chronically unemployed and underemployed farmworkers to obtain the career-related education needed to prepare them to enter or advance in the workforce; prepare their children and/or dependents for success in school; and have the economic stability to exercise their rights as citizens in their communities. The Farmworker Career Development Program is administered by the U.S. Department of Labor’s (DOL) Employment and Training Administration and the Florida Department of Education. Eligible participants must meet DOL criteria for being “low income,” prove a history of farmwork, have legal status in the United States, and be authorized by competent authority to work in the United States. For more information, contact the Farmworker Career Development Program Office at 863-784-7386 or visit them in Room T09 of Building T on the Highlands Campus.

THE PANTHER YOUTH PARTNERS (PYP) - provides educational support services to disadvantaged youth within our service district, who are between the ages of 16 and 24 years old. Through a partnership agreement with CareerSource Heartland, the regional workforce agency for DeSoto, Hardee, Highlands, and Okeechobee counties, eligible participants receive services, such as: mentoring and tutoring, job shadowing and coaching, career exploration, and employment preparation skills. Participating students are monitored as progress is achieved through assigned program activities and are eligible to receive stipends as rewards for their individual success and commitment. PYP transitions eligible participants to a career goal through educational achievement. For more information, contact the Panther Youth Partners Office at 863-784-7054 or visit them in Building R1 on the Highlands Campus.
COMMUNITY EDUCATIONAL OFFERINGS

Community Education
- Driver Education Programs
  - Advanced Driver Improvement (ADI)
  - Alcohol Drug Accident Prevention Training (ADAPT)
  - Safe Driving Accident Prevention Program (SDAPP)
- Heartland Senior Games
- Lifetime Learners Institute
- Parents, Children, and Divorce
- Camp Adventure
- The Artists’ Group (TAG)

Corporate Education
- Training Opportunities
  - Early Childhood Education
  - Computer and Business
  - Health Sciences
  - Online Training
  - Public Service (Law Enforcement/Correctional Officers)
  - Public Service (Fire Science)
  - Trade and Industry

The Florida Small Business Development Center

Other Community Programs
- Leadership Highlands
- Retired and Senior Volunteer Program (RSVP)
**Community Education**

SFSC’s Corporate and Community Education Department offers an array of personal enrichment non-credit courses designed to enhance your quality of life or to improve your competencies. Choose from numerous courses, workshops, seminars, special programs, and other enriching educational experiences provided to meet your needs and interests. You may schedule your instruction at various times and locations. Classes include, but are not limited to, art, conversational Spanish, hands-on computer training, healthy living, creative writing, Tai Chi, aerobics, tennis, cooking, and aquabics. All community education classes are fee supported; therefore, the cost varies with the duration of the programs and materials involved.

**DRIVER EDUCATION PROGRAMS** - SFSC offers a variety of driver improvement programs at three sites within the tri-county area.

- **Advanced Driver Improvement (ADI)** - Advanced Driver Improvement is a required course if you have accumulated sufficient points to result in license suspension. This 12-hour course concentrates on giving you the tools to develop positive attitudes and behaviors while maintaining control of a motor vehicle.

- **Alcohol Drug Accident Prevention Training (ADAPT)** - This four-hour approved driver education course is required of all first-time driver’s license applicants. This course focuses on Florida’s traffic laws and the consequences of substance abuse and its effects on your ability to drive responsibly.

- **Safe Driving Accident Prevention Program (SDAPP)** - SDAPP, which is universally known as traffic school, is a Florida Basic Driver Improvement program designed for motorists who are issued traffic citations or ordered by the courts a four-hour learning option to have points reduced on their driver’s license and possibly get a discount on their auto insurance premium (at the discretion of their insurance company). Within this course, you will learn Florida traffic laws, defensive driving strategies, adverse driving conditions, and driving under the influence avoidance. Upon completion, you will receive an official Florida traffic school certification of completion.

**HEARTLAND SENIOR GAMES** - The purpose of the Heartland Senior Games is to promote physical fitness, good health, a competitive spirit among adults 50 and older who live active lifestyles, and to inspire those who do not. The games are held annually, and are sanctioned by the Florida Sports Foundation. The top five finalists in each age category and each gender qualify to compete in the Florida Senior Games State Championships.

**LIFETIME LEARNERS INSTITUTE** - The Lifetime Learners Institute is a series of offerings that provide short-term educational opportunities and various social activities for individuals interested in expanding their intellectual horizons. Lectures, discussions, presentations, and optional field trips provide the structure for the program. Series presenters are always welcome to share their expertise.

**PARENTS, CHILDREN, AND DIVORCE** - Parents, Children, and Divorce fulfills the requirement of the administrative order for the Parent Education and Family Stabilization Course as required in the 10th Judicial Circuit Section 61.21, Florida Statutes (F.S.). It focuses on the concerns you have regarding your decisions in divorce and the impact this process will have on your child or children. You will learn effective ways of communicating with each other and of making decisions that are in the best interests of your child or children. Both parents are required to complete this four-hour course and are not required to attend the course on the same day.

**CAMP ADVENTURE** - Camp Adventure invites young students to apply skills in an interactive environment. The program may include classes focusing on technology, science, drama, math, and reading. Students also participate in structured games and supervised free time at the pool.

**THE ARTISTS’ GROUP (TAG)** - TAG is a group of local artists who meet regularly at The Hotel Jacaranda to develop their individual talents and to promote an appreciation of art and artistic expression. This member-centered program offers a forum for individual and creative artistic collaboration, as well as a venue for art instruction and display. Courses offered to everyone in the community in clay, acrylic, watercolor, and more. For more information, call the Corporate and Community Education Department at 863-784-7388.

Community education is a great way to meet people, learn a new hobby or develop a skill. Our courses are developed in response to individual requests and trends in community interests. Instructors come for all walks of life, bringing rich and varied experience to the classroom. Enroll in one of our many enrichment classes today, the schedule is online at CommunityEducation@southflorida.edu. If you don't find what you're looking for, suggest a class by emailing CommunityEducation@southflorida.edu. If you're interested in teaching a personal enrichment course, submit a course proposal to CommunityEducation@southflorida.edu.

For more information on any of these courses, contact the Corporate and Community Education Department at 863-784-7388.
Corporate Education

SFSC's Corporate and Community Education Department can upgrade your skills, customize a program to train your employees, or find a location to present your own training. Corporate and Community Education (CCE) classes are offered at every SFSC campus, center, or at your work site. Many are available through the College’s strong partnerships with business and community organizations, such as economic development commissions and chambers of commerce. CCE classes may meet for a few hours or over several days. You don’t earn college credits, but through some classes you may receive the education units required to maintain your professional accreditations, certifications, or State licenses. Each year, the list of CCE classes continues to grow.

Examples of training opportunities available:

**EARLY CHILDHOOD EDUCATION**
- Building Blocks for Literacy®
- CEU Workshops
- CPR and First Aid Training
- Florida Child Care Professional Credential (FCCPC)
- Florida Child Care Professional Credential Renewal/Refresher (Online Only)
- Florida Director's Credential Renewal (Online Only)
- Florida Director's Credential Training - Program Management Course
- Introduction to Child Care - 40 hours DCF State-Mandated Training

**COMPUTER AND BUSINESS**
- Adobe InDesign
- Adobe Photoshop
- Business Writing and Grammar Skills
- Creating a Successful Business Plan
- Customer Service
- Digital Marketing
- Finance
- Florida Real Estate Principles, Practices, and Law
- Grant Writing
- Human Resource Management
- Introduction and Intermediate E-Commerce
- Introduction and Intermediate Microsoft Office Suites (Word, Excel, Access, PowerPoint, Publisher)
- Introduction and Intermediate QuickBooks
- Introduction to Web Design
- Leadership
- Logistics/Supply Chain Management
- Occupational Safety and Health Administration (OSHA)
- Personal and Professional Time Management
- Project Management Professional (PMP)
- Smart Phone and Technology
- Soft Skills for Successful Employees
- Using Social Media in Business

**HEALTH SCIENCES**
- Advanced Cardiac Life Support (ACLS) Provider Course
- ATI TEAS® Prep Course – Test of Essential Academic Skills
- Blood-Borne Pathogens
- Certified Nursing Assistant
- CPR and First Aid Training
- Domestic Violence
- Emergency Medical Technician (EMT) Refresher
- Emergency Vehicles Operations Training
- Home Health Aide
- IV Therapy
- Local Anesthesia for Dental Hygienist
- Pediatric Advanced Life Support (PALS) Provider Course

**ONLINE TRAINING**
- ed2go.com/SFSC
- SFSC.oltraining.com for insurance agent or adjuster

**PUBLIC SERVICE (Law Enforcement/Correctional Officers)**
- Basic Sniper Certification
- Breath Test Operators Course
- Criminal Law
- Field Training Officer
- Instructor Techniques
- Report Writing
- Security Guard
- Tactical Defense
- Tactical Driving Course

**PUBLIC SERVICE (Fire Science)**
- Live Fire Training Instructor Course

**TRADE AND INDUSTRY**
- Bus Driver Training
- Carpentry and Roofing
- CDL Driver's License Exam
- CDL Driver's License Refresher
- CDL Driver's Train the Tester
- Electrical
- EPA Test
- Forklift Certification
- Masonry
- Mine Safety Health Administration (MSHA) Annual Refresher
- Mine Safety Health Administration (MSHA) New Miner Training
- OSHA Training
- Plumbing
- Welding

SFSC is the Heartland’s premier provider of continuing education and professional development. Training classes can be customized to meet the needs of any business, large or small. CCE classes are delivered in a variety of formats with the flexibility to meet the educational needs of individual workers, small businesses, and large public and corporate enterprises.

Visit us online to see our Corporate Education class schedule and webpage at [southflorida.edu](http://southflorida.edu), contact us via email at CorporateTraining@southflorida.edu. For more information on CCE courses or developing a class for your business, contact the Corporate and Community Education Department at 863-784-7034 or 863-784-7033.
The Florida Small Business Development Center

The Florida Small Business Development Center (SBDC) of the Heartland, located at SFSC, is part of the Florida SBDC Network. The Network serves as the statewide single point of contact for the advancement of an entrepreneurial environment; thus, creating a positive foundation for the development and growth of existing and emerging businesses in Florida. The Florida SBDC Network is the most experienced economic development network serving Floridians statewide.

The Florida SBDC uses professionally certified business consultants that have the knowledge and real-world business experience to help emerging and growing businesses design growth strategies and make better business decisions. These professionals provide confidential, no-cost consulting to entrepreneurs who want to grow their business. Areas of expertise include:

- Increasing sales
- Obtaining financing
- Improving cash flow
- Winning government contracts
- Exporting
- Business Start-Up

Locally, Florida SBDC of the Heartland, located at SFSC, serves Desoto, Hardee, and Highlands County businesses to achieve these goals. Look for us at southflorida.edu under Community tab or at SBDCTampaBay.com/highlands for more information.

to meet those needs; to engender leadership potential and challenge each other to increase personal awareness about their community; to provide participants the opportunity to meet and exchange ideas with community leaders; and to encourage civic participation and volunteer involvement in the community.

Each graduating class includes an orientation in August, a retreat in September, nine monthly themed sessions that include an overnight trip to Tallahassee and a commencement ceremony in June. For information about enrollment or participation, contact the program director at 863-784-7189.

RETired And Senior VolunTeer ProGRam (RSVP) - RSVP is part of Senior Corps, America’s largest volunteer network for people age 55 and over. Join RSVP and you join nearly 500,000 volunteers across the country who are tackling tough issues in their communities. Senior corps is administered by the Corporation for National and Community Service and is sponsored locally by SFSC. RSVP provides volunteer placement in over 20 non-profit, public community agencies, and health care facilities across Highlands County. As an RSVP volunteer, you will receive free volunteer placement; the opportunity to use your experience and skills while making new friends; supplemental accident and liability insurance while on duty; recognition; and the ongoing satisfaction of knowing you are making a difference in our community. Contact the RSVP Office at 863-784-7189 for more information about volunteer opportunities.

Other Community Programs

LEADERSHIP HIGHLANDS - The Leadership Highlands (LH) program has been developing local leaders since the formation of the pilot class in 1999 and we graduated our 20th class in 2019. The mission of the Leadership Highlands program is to develop leaders with a thorough understanding of, and strong sense of commitment to, Highlands County and an appreciation for the strength found in our county’s abundant diversities.

LH is administered by SFSC and is a partnership between SFSC and the Avon Park, Lake Placid, and Sebring chambers of commerce. It is overseen by an advisory board comprised of the SFSC coordinator, Leadership Highlands, the executive directors of the above chambers of commerce, and a limited number of 41 LH alumni. The goals of the program are to familiarize participants with the infrastructure, agencies, and economic enterprises that exist in Highlands County; to expose the participants to a range of ever-changing community needs and to identify the resources available
FINANCIAL INFORMATION

Estimated Costs of Attendance
   Freshman/Sophomore
   Junior/Senior

Fees
   Student Obligations
   Fees for Adult Education Courses
   Fees for Corporate and Community Education Courses
   Insurance Fees
   Lab Fees
   Tuition and Fee Deferment for Veterans and/or Dependents

Financial Aid
   Eligibility Criteria for Federal Financial Aid
   Applying for Financial Aid

Grants, Scholarships, Work Study, and Loans

Satisfactory Academic Progress Information

Student Rights and Responsibilities

Refund and Return of Title IV (R2T4) Policy
   Refund Policy
   Refunds for College Credit Certificate and Career Certificate Courses
   Special Refunds
   Federal Title IV Policy on Withdrawals and Return of Financial Aid (R2T4)
   Return of Federal Financial Aid Calculation Method
   Over Awards
   Refunds/Academic Appeals
# Estimated Costs of Attendance

Following are the estimated costs used by the Financial Aid Office to determine financial aid award amounts as required under federal financial aid guidelines. This information is provided to assist you in planning your educational expenses.

## 2020-2021 Estimated Costs of Attendance

- The amounts listed below are used for financial aid purposes and are estimated in each category based on 12 credit hours (per term) in attendance for two terms. Actual costs may vary depending upon the type of program, number of hours enrolled, etc.

### FRESHMAN/SOPHOMORE

<table>
<thead>
<tr>
<th></th>
<th>Florida Residents</th>
<th></th>
<th>Non Residents</th>
<th></th>
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</thead>
<tbody>
<tr>
<td></td>
<td>Living with Parents</td>
<td>Living on their own</td>
<td>Living with Parents</td>
<td>Living on their own</td>
</tr>
<tr>
<td>Tuition and Fees</td>
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<tr>
<td>Books/Supplies</td>
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<td>1,275</td>
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<tr>
<td>Room and Board</td>
<td>2,081</td>
<td>6,161</td>
<td>2,081</td>
<td>6,161</td>
</tr>
<tr>
<td>Transportation Expense</td>
<td>2,514</td>
<td>2,514</td>
<td>2,514</td>
<td>2,514</td>
</tr>
<tr>
<td>Miscellaneous/Personal</td>
<td>1,158</td>
<td>1,897</td>
<td>1,158</td>
<td>1,897</td>
</tr>
<tr>
<td><strong>TOTAL ESTIMATED COST</strong></td>
<td><strong>$9,621</strong></td>
<td><strong>$14,440</strong></td>
<td><strong>$16,750</strong></td>
<td><strong>$21,569</strong></td>
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### JUNIOR/SENIOR

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<th>Florida Residents</th>
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<th>Non Residents</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
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<td>Living with Parents</td>
<td>Living on their own</td>
<td>Living with Parents</td>
<td>Living on their own</td>
</tr>
<tr>
<td>Tuition and Fees</td>
<td>$2,958</td>
<td>$2,958</td>
<td>$11,087</td>
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</tr>
<tr>
<td>Books/Supplies</td>
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<td>1,275</td>
<td>1,275</td>
<td>1,275</td>
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<tr>
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<tr>
<td>Miscellaneous/Personal</td>
<td>1,158</td>
<td>1,897</td>
<td>1,158</td>
<td>1,897</td>
</tr>
<tr>
<td><strong>TOTAL ESTIMATED COST</strong></td>
<td><strong>$9,986</strong></td>
<td><strong>$14,805</strong></td>
<td><strong>$18,115</strong></td>
<td><strong>$22,934</strong></td>
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### Fees

All fees are due and payable on the day of registration, unless other arrangements are made before the class begins. Fees may be paid by cash, check, Discover, MasterCard, Visa, or the Tuition Installment Payment (TIP) Plan. Additionally, American Express and e-check are available online through your Panther Central Student Account. If you request loans or scholarships, you should contact the Financial Aid Office at 863-784-7134 prior to registration to confirm the status of your request. All fees are subject to change.

### Student Obligations

- If you have outstanding obligations with the College, you will be unable to receive further fee-based services from the College until your debts have been satisfied in full. Such services include transcript requests, registration, and library services. All delinquent accounts may require an additional fee. Note that:
  1. Fees depend on Florida residence status (see Admissions).
  2. Registration is not complete until fees are paid (cash, financial aid, etc.). It is your responsibility to complete this requirement.
  3. Fees to audit a course are the same as regular fees.
  4. Credit by examination fees are the same as regular fees.
  5. Fees may be changed at the discretion of the SFSC District Board of Trustees.
6. You should bring sufficient funds to meet immediate needs. Personal checks are accepted only for the exact amount of fees.
7. Student debt will be collected from the first available funds in your name.
8. Course fees are charged separately from costs of books and supplies. You should be prepared to make these payments separately.
9. Some courses include lab instruction which may require lab fees.
10. Check term schedule for current list of fees.

FEES FOR ADULT EDUCATION COURSES - Adult Education students enrolled in the Adult Basic Education (ABE), English for Speakers of Other Languages (ESOL), or GED program will be charged a flat, or “block” tuition rate per term. This fee may be waived. Tuition rates for Florida residents and non-Florida residents are specified in the SFSC Schedule of Classes.

FEES FOR CORPORATE AND COMMUNITY EDUCATION COURSES - Fees for Corporate and Community Education courses vary depending upon the number of hours of instruction and are listed in each class activity announcement. Programs operated through Corporate and Community Education include:

- Driver Education Program
- Parents, Children, and Divorce
- Lifetime Learners Institute

Call the Corporate and Community Education Office at 863-784-7388 for the Schedule of Classes and fees.

INSURANCE FEES - Several courses offered by SFSC require that you be insured while enrolled in the courses. Insurance fees are in addition to other special or lab fees. See Schedule of Classes for current fees listings.

LAB FEES - Many courses offered by SFSC require you to use expendable resources or special equipment. If you are enrolled in these courses, you will be charged a lab fee to pay for these costs. To determine lab fees for courses, check the current searchable Schedule of Classes available on the website.

TUITION AND FEE DEFERMENTS FOR VETERANS AND/OR DEPENDENTS - If you are a veteran and/or dependent that has provided all required documents for eligibility to be certified for your Veterans Affairs (VA) educational benefits, you may be permitted to defer your tuition and fees (no books and supplies) once per term. This period may be as much as 60 days. Deferments must be paid on the due date whether or not you have received a benefit payment or had a payment posted to your account. Consult the Veterans Advisor in the Advising and Counseling Center at 863-784-7128 or 863-784-7131 for further information.

VETERANS BENEFITS AND TRANSITION ACT OF 2018 - The College has a policy in place that will allow a covered individual to attend or participate in a course of education, pending VA payment, providing the individual submits a certificate of eligibility for entitlement to educational assistance and is therefore in compliance with the requirements of 38 U.S. Code Section 3679(e) and Section 103, Public Law 115-407.

Financial Aid

SFSC’s financial aid program provides financial assistance to eligible students to attend college. This assistance may come from one or any combination of grants, scholarships, loans, or student employment. Financial aid is awarded on the basis of your academic ability or special talent, demonstrated financial need, and the availability of funds from federal, State, institutional, and/or local sources. Financial aid awards will not be processed until you have been admitted to a degree program or eligible certificate program. For information and assistance to apply for financial aid, visit our financial aid webpage at southflorida.edu/financial-aid-and-scholarships.

ELIGIBILITY CRITERIA FOR FEDERAL FINANCIAL AID - To qualify for federal financial aid, you must meet the following basic eligibility requirements.

1. You must be a U.S. citizen or an eligible non-citizen.
2. You must be accepted into the College and be enrolled in an eligible degree or certificate program.
3. If male, you must be registered with the Selective Service. Male citizens of the U.S. and male immigrant aliens 18 through 25 years old must be registered with the U.S. Selective Service System to be eligible for Federal financial aid.
4. You must have a valid high school diploma or General Education Diploma (GED), or meet Ability to Benefit Criteria.
5. You must maintain SFSC’s Standard for Satisfactory Academic Progress.
6. You must not be in default on any federal educational loan or owe repayment of a federal grant at this or any institution.
7. You must provide all information requested for the completion of your file before aid will be disbursed.

New Students - You must apply to the College by submitting an Application for Admission to the Office of the Registrar.

Former Students - If you return to SFSC, you will remain under the same SAP standards (see Satisfactory Academic Progress Information section) from which you left. If you
1. Complete the Free Application for Federal Student Aid (FAFSA®) by applying online at [fasa.ed.gov](http://www.fafsa.ed.gov). The College code for SFSC is 001522. We use the FAFSA® information to determine if you are eligible to receive aid from State, federal, work study, and direct loan programs. Apply as soon as possible after October 1, each year. You should not wait to be admitted to SFSC before applying for financial aid.

2. Complete an application for admission to SFSC. Your academic records (e.g., high school transcript, GED, and college transcript) and other supporting documents must be submitted to the Admissions, Registration, and Records Office as specified by Admissions personnel. If you previously attended any other postsecondary institutions, the above information must be received by the Admission Office before the Financial Aid Office (FAO) can determine your eligibility for aid.

3. Before beginning the FAFSA®, if you don’t already have a FSA ID and password, you can apply for one at [fsaid.ed.gov](http://fsaid.ed.gov). You’ll need a FSA ID and password to electronically sign your FAFSA®. If you are a dependent student, one of your parents is also required to apply for a FSA ID and password to electronically sign your FAFSA®. The FAO will receive your Institutional Student Information Report (ISIR) from the processor as long as SFSC code 001522 is listed as one of your colleges in Step 6 on the FAFSA®. You will receive a Student Aid Report (SAR) within 3-5 days via your email address, if you completed the FAFSA® online. If you do not receive your SAR within this time, you may want to call the processor at 800-433-3243 from 8 a.m. through midnight (Eastern Standard Time) or check online at [fafsa.ed.gov](http://www.fafsa.ed.gov).

4. If you are selected for a process called Verification, you will be requested by the FAO to submit additional information. Forms that you may need to complete are available via SFSC Financial Aid webpage at [southflorida.edu/current-students/financial-aid-scholarships/forms](http://southflorida.edu/current-students/financial-aid-scholarships/forms). The College FAO can accept copies of tax returns to verify tax information. If you and your parents (if you are a dependent student) are unable or choose not to use the IRS Data Retrieval Tool in FAFSA® on the web, than you must submit to the College a IRS tax return transcript and W2s. To obtain an IRS tax return transcript, go to [irs.gov](http://irs.gov) and click on the “Get a Tax Transcript” link under Tools. Make sure to request the “IRS tax return transcript” and not the “IRS tax account transcript.” You can choose “Get Transcript ONLINE” or “Get Transcript by MAIL.”

5. The Student Aid Report (SAR) indicates your Expected Family Contribution (EFC), which is used to determine your eligibility for financial aid. The SAR also lists the information you reported on your FAFSA®, and if selected for verification by the federal processor, you will see an asterisk (*) to the right of your EFC. Take the time to review your SAR information for accuracy.

6. To apply for a SFSC Foundation Scholarship, you must complete the online SFSC Foundation Scholarship Application from our webpage at [southflorida.edu/current-students/financial-aid-scholarships/scholarships](http://southflorida.edu/current-students/financial-aid-scholarships/scholarships).

The priority dates are:

- **Continuing Students**
  - Fall Term Awards: June 15
  - Spring Term Awards: October 15
  - Summer Term Awards: March 15

- **High School Graduates**
  - Fall Term Awards: March 15
7. If you are applying for a Direct Student Loan, a separate application is required. Applications are available via the SFSC Financial Aid webpage at financial-aid-scholarships/loans.

8. If your financial aid file has been considered “complete,” a provisional award letter will be emailed to your student email account. Awards listed on your award letter are tentative and are not final. Awards can be either adjusted or cancelled at any time due to ineligible program code, enrollment, academic standing, and/or availability of funds.

9. Notify the FAO if you are expecting the Florida Bright Futures Scholarship.

If you need assistance in completing financial aid forms, you should contact the FAO at 863-784-7134. You have the right to understand how your financial aid award is determined and the FAO is always willing to discuss any financial aid decisions with you and your parents to promote a better understanding of the financial aid process.

Priority Dates for Applying for Financial Aid at SFSC - Applications for financial aid should be done well in advance of registration. The PRIORITY consideration dates for applying for financial aid at SFSC for the 2020-2021 year for each term are:

- **Fall Term**: April 15
- **Spring Term**: October 15
- **Summer Term**: March 15

If you do not meet the priority dates, you may still qualify for financial aid but may experience delays in receiving financial aid.

Early filers with a complete file will be given first priority in determining eligibility to receive one of the Florida Student Assistance Grants (FSAG and/or FSAGCE), the Federal Supplemental Education Opportunity Grant (FSEOG), Federal Work Study (FWS), and Florida Work Experience Program (FWEP).

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**Grants, Scholarships, Work Study, and Loans**

Financial aid comes in many forms, such as grants, employment, loans, waivers, and both internal and external scholarships. Grants are considered gift aid and do not have to be repaid. Only undergraduate students who have not previously received a bachelor's degree and who demonstrate financial need may be eligible for the grant programs.

**FEDERAL PELL GRANT** - Grant is provided by the federal government to students with demonstrated financial need. Students who are enrolled less than half time may qualify to receive a Pell Grant if the Expected Family Contribution (EFC) meets the standards established by the federal government.

**PELL GRANT LIFETIME ELIGIBILITY USED (LEU)** - The amount of Federal Pell Grant funds a student may receive over his or her lifetime is **NOW** limited by a new federal law to be equivalent of six years of Pell Grant funding. For more information on Pell Grant eligibility visit southflorida.edu/current-students/financial-aid-scholarships/grants.

**FEDERAL SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANT (FSEOG)** - This grant is provided by the federal government to assist students with the highest level of need. You must be enrolled at least half-time to be considered for this grant. These funds are very limited and are awarded to students who meet the priority date as listed in the catalog and as funds are available.

**FLORIDA STUDENT ASSISTANCE GRANT (FSAG)** - This grant is awarded to a Florida resident who is a U.S. citizen or eligible non-citizen, and who meets State-mandated criteria. You may be full-time or part-time to receive this award. To maintain eligibility for renewal the following school year you must complete all coursework enrolled in and maintain a 2.0 cumulative GPA during the academic year in which you received this award. (Credit hours earned in the previous summer may be counted in determining your renewal eligibility.) **State priority date is May 15. Funds are limited after this date.**

**FLORIDA STUDENT ASSISTANCE GRANT-CAREER EDUCATION (FSAG-CE)** - This grant is awarded to a Florida resident who is a U.S. citizen or eligible non-citizen. You must be enrolled for a minimum of 180 clock hours per term, maintain a 2.0 cumulative GPA, and complete all coursework enrolled in. **State priority date is May 15 and funds are limited after this date.**

**FLORIDA BRIGHT FUTURES (BF) SCHOLARSHIP PROGRAM** - This program includes several State-funded scholarships based on high school academic achievement. It is for students who enroll in an eligible Florida postsecondary educational institution within two (2) years of graduation...
from a Florida high school. Students who are receiving the Bright Futures Scholarship must be enrolled for a minimum of 6 non-remedial credits and must be a degree or certificate seeking student (However, an exception can be made if you need less than 6 credits to graduate; a degree audit plan must be submitted to the FAO for review.).

• BF Withdrawals Repayment Procedure - You will be required to repay the cost of any course funded by BF that you withdraw from after the drop/add period of each term. Your repayment for the cost of withdrawn courses is required to renew a BF award for a subsequent academic year.

• BF Transient Student - You must complete the transient enrollment process to have dual hours included in your award.

For additional information, visit the Florida Department of Education website at floridastudentfinancialaid.org.

FEDERAL COLLEGE WORK STUDY (FWS) - is provided by the federal government to assist students with financial need and who express an interest in working part-time jobs on or off-campus. You may work up to 20 hours per week at the minimum hourly wage. Selection is based on financial need as determined by the federal government (other considerations: available positions, funds, and job interviews). Contact the Career Development Center at 863-784-7410 for information on available positions or to be placed on a waiting list.

FLORIDA WORK EXPERIENCE PROGRAM (FWEP) - This is a need-based program funded by the State of Florida to provide eligible SFSC students experience working on campus that will complement and reinforce their educational and career goals. You may work up to 25 hours per week at an hourly rate slightly above the minimum rate. Selection is based on financial need as determined by the federal government, satisfactory academic progress, available positions, funds, and job interviews. You may contact the Career Development Center at 863-784-7410 for information on available positions or to be placed on a waiting list.

FEDERAL DIRECT STUDENT LOAN PROGRAM - The Direct Loan Program was created to simplify federal student loan delivery and provide borrowers with flexible repayment options with a single loan holder. The lender is the U.S. Department of Education rather than a bank or other financial institutions. South Florida State College is a participant in the Federal Direct Student Loan Program. As a new and returning student requesting a loan, you must first apply for all federal financial aid by submitting the Free Application for Federal Student Aid (FAFSA®) at fafsa.ed.gov. Once the FAO receives your Institutional Student Information Record (ISIR), you will be required to submit the SFSC Federal Direct Student Loan Request form to the Financial Aid Office at any campus. Two types of Federal Direct Student Loans are available:

• Federal Subsidized Direct Student Loan - This loan is based on financial need and requires you to have unmet financial need. The federal government will pay the interest on your behalf while you are enrolled in school. NOTE: If you receive a Direct Subsidized Loan that was disbursed between July 1, 2012 and July 1, 2014, you will be responsible for paying any interest that accrues during your grace period. If you choose not to pay the accrued interest during your grace period, the interest will be added to your principal balance.

• Federal Unsubsidized Direct Student Loan - This loan is not based on your financial need. The federal government does not pay the interest on your behalf while you are enrolled in school. You, the borrower, are responsible for the interest that accrues and capitalizes within 60 days of your first disbursement. You must be enrolled in at least 6 credit hours or 8 occupational credits per term. Though this loan is non-need-based aid, the amount combined with other aid cannot exceed the total cost of attendance.

FEDERAL PLUS DIRECT LOAN - This loan is a parent loan for undergraduate dependent students (PLUS). Parents of dependent students may borrow on behalf of their children. Although income is not a factor, the borrower cannot have adverse credit. To receive the maximum financial assistance, you should first apply for other types of financial aid by completing the FAFSA® at fafsa.ed.gov. Loan amounts must not exceed the cost of education less other financial aid. Parent loans must be repaid over a 10-year period with interest beginning 60 days after disbursement.

Borrowing Basics for Federal Direct Student Loans -

• Eligibility Requirements - All students, including transfer students from other institutions, must meet the standards of satisfactory academic progress to be eligible to receive a Federal Direct Student Loan at SFSC.

• How Much Can I Borrow? How much you may borrow each year depends on your enrollment, cost of attendance, and other financial assistance received. There are limits for each federal student loan, depending on the type of loan and your grade level in school. Refer to the financial aid webpage for current loan limits.

• How Much Should I Borrow? You should borrow as little as possible to meet your need. Because it is relatively easy to obtain student loans, you might borrow more than you really need. Remember that borrowing is simply renting someone else’s money. You will have to repay that money - with interest.

• What are the Interest Rates on Direct Loans? Refer to the financial aid webpage for current interest rates on the different types of loans.

• First-Time Loan Borrowers - If you are a first-time borrower, federal regulations require a 30-day delay before you receive your loan check (typically 30 days from the start of the term). You must also complete the required loan
GRANT

If you, the grant, you must meet the following criteria:

- Be a U.S. citizen or eligible non-citizen.
- Be enrolled as an undergraduate in a postsecondary educational institution that has chosen to participate in the TEACH Grant Program.
- Be enrolled in coursework that is necessary to begin a career in teaching or plan to complete such coursework.
- Meet certain academic achievement requirements by maintaining a cumulative GPA of at least 3.25.
- TEACH Grant recipients are required to complete initial and subsequent counseling before completing the Agreement to Serve (ATS).
- Sign the TEACH Grant Agreement to Serve.
- Exit Counseling is required when you graduate or cease attending.
- Visit StudentAid.ed.gov or the Financial Aid Office for additional information.

Occupational Scholarships - If you are interested in a career certificate program, contact your high school guidance counselor or the SFSC Financial Aid Office to determine your eligibility for an occupational scholarship.

Performance/Participation Scholarships - Your outstanding abilities in academics, athletics, music, performing arts, and other skill areas may make you eligible for this program. Contact the activity sponsor in the department where your specialty is assigned.

Top 10% Academic Incentives - These are awarded to graduates from a high school in SFSC’s service district in the top 10% of the class.

Tuition Installment Payment (TIP) Plan - To help meet your education expenses, SFSC is pleased to provide the Tuition Payment Plan. TIP is available at all campuses and to all students at SFSC. TIP allows you to pay your tuition in monthly payments. The earlier you enroll, the more payment options you have. You may enroll in the TIP plan through your Panther Central account. TIP is administered for SFSC by Nelnet Business Solutions. For more information, pamphlets are available in the Advising and Counseling Center, the Cashier’s Office, and the Financial Aid Office.

Welfare Transition Services (WTS) - If you, the client, are receiving public assistance benefits to enter training or job programs which will lead you to a self-sufficient lifestyle, you may be referred to this program by the Florida Department of Children and Families. The goal of the College is to assist you through matriculation, tuition, books, childcare, transportation, and other personal advising services which will assist you in overcoming barriers to success. Contact the CareerSource Heartland Office at 863-385-3672.
SFSC FOUNDATION SCHOLARSHIPS - Through the support of our local community, the SFSC Foundation is able to award numerous scholarships to students attending the College each year. The scholarship application is online at southflorida.edu/scholarships. Although the specific criteria vary among the types of Foundation scholarships, students enrolled at SFSC with 6 credits hours or more in a bachelor's degree, associate degree, credit certificate, or vocational certificate program may apply for a scholarship. Some areas of emphasis in qualifying include academic achievement (GPA of 2.75 or higher), financial need, residence, specific high school graduation, and enrollment. Almost all scholarships require the completion of the FAFSA® at fasfa.ed.gov. For specific information on each of the scholarships listed online, contact the Financial Aid Office at 863-784-7134.

LOCAL SCHOLARSHIPS - Various local groups and organizations select recipients for their scholarships. These awards are coordinated by or through the Financial Aid Office.

OCCUPATIONAL AND VOCATIONAL SCHOLARSHIP APPLICATION - The Occupational/Vocational Scholarship is a need-based program designed to help you enroll in Career Certificate (C.C.) and non-credit Continuing Education Programs (or courses). In general, these are non-credit workforce development courses as defined by Florida Statutes. You must have financial need as determined by the FAFSA®, therefore, you must complete the FAFSA® at fasfa.ed.gov. If you are receiving payment of tuition and fees from other programs, you may not be eligible for the Occupational/Vocational Scholarship. If you are receiving the federal Pell Grant and/or other assistance, you may be eligible, depending on the amount and type of assistance or your individual circumstances. If you are receiving payment of tuition and fees from sources outside of the Financial Aid Office (e.g., WIA, Vocational Rehabilitation), you may not be eligible. The Financial Aid Office determines eligibility based on the official FAFSA® information as well as other financial resources that may or may not include the Pell Grant. To be considered for this scholarship for financial assistance you must apply each term during the regular registration process by completing the Vocational Scholarship Application in the Financial Aid Office.

The SFSC Standards of Satisfactory Academic Progress (SAP) must include the student's total academic history, which includes credits taken at SFSC, dual enrollment/transient and transfer hours, etc. and applies to all terms of enrollment periods regardless if you received financial aid in prior terms or not. Certain State and locally administered financial aid programs have a more stringent academic progress standard. In these cases, the more stringent academic progress standards will be applied in addition to the College standards.

SATISFACTORY ACADEMIC PROGRESS (SAP) - Contain qualitative measures of progress (GPA and completion rate) and a quantitative measure of progress (maximum time frame) to complete the degree/certificate program. You must meet all parts of the standard to maintain eligibility. All parts are cumulative in their measurement.

1. You must meet the SAP performance requirement of at least a 2.0 annual and cumulative GPA. SAP is reviewed at the end of each term.

2. You must make progress toward your degree or certificate. The minimum progress toward your degree or certificate requires you to successfully complete 67% of all hours attempted including transfer hours regardless of whether you received financial aid or not. This may include college credits and occupational credits.

3. You must complete your educational program within a given time frame. The maximum time frame is 150% of the normal credits required for your degree or certificate program. For example, if you are in a 60 credit hour program you can attempt up to 90 credit hours (60 hours times 150%). An example of a normal vocational program is approximately 45 credit hours; 150% of that program is 68 credit hours. This includes all college coursework; all transfer credits whether or not financial aid was received, and whether courses are applicable toward your current degree program. If you have been accepted into our bachelor’s program which is 120 credits, 150% of 120 credits will allow you to take up to 180 attempted hours.

4. If you have reached the maximum attempted hours of 90 credits or 180 credits (for bachelor’s program) in an academic program or reach 150% of the published length of the educational program (clock-hour), you may not be eligible to receive financial aid.

5. If you are a first-time SFSC student with course history (e.g., transfer of dual enrollment hours) that does not meet the standard of satisfactory academic progress, you will not be eligible to receive financial aid until you have met the standards as defined above.

If you believe you had extenuating circumstances beyond your control, you may appeal. See "Regaining Eligibility Through the Appeal Process."
A term is defined as any of the major terms: fall, spring, and summer. First and second summer flex sessions are treated as one term for financial aid purposes. An enrollment period is defined as the term or portion of a term for which you enroll.

Successful completion is defined as any course completed with a final grade of A, B, C, D, or S. Courses for which you receive grades of W, I, F, N, U, or X, as well as the previous attempt(s) of repeated courses regardless of previous grade, are counted as courses attempted but not successfully completed.

Career Certificate (C.C.) Programs
- If you are enrolled in a career certificate program, you must successfully complete the clock-hour coursework for each course funded before additional payment can be made.
- If you did not successfully pass all attempted clock hours for any funded term, you will lose all subsequent financial aid, regardless of overall GPA and completion ratio.
- The duration of eligibility will be limited to the published length of the program.
- You must complete your program of study within the 150% time frame of your eligible certificate program.

Associate and Baccalaureate Programs - Failure to meet the minimum standard of progress for associate and bachelor degrees as outlined above will result in the following action(s):
- Financial Aid Warning - This occurs at the end of the term, for which you fail to meet satisfactory academic progress as outlined above. In a warning status, you retain your eligibility for financial aid as long as you are permitted to enroll. While you will continue to receive financial aid at the end of the term, it is your responsibility to restore your academic standing for financial aid by the end of the next term in which the Warning status was given. You will be notified via your student email account of your Warning status.
- Financial Aid Suspension - This occurs at the end of the warning status term for which you failed to meet satisfactory academic progress as outlined above. In suspension status, all eligibility for financial aid will be cancelled for future terms until you meet the SAP Standards. You will be notified via your student email account of your Suspended status. You may appeal your financial aid suspension if you believe your loss of financial aid eligibility was due to extenuating circumstances (see “Regaining Eligibility through the Appeal Process”). If your appeal is approved, and you are not expected to meet Standards of Academic Progress within the probationary term, you will be required to sign a Financial Aid Academic Plan (FAAP) placing you on Financial Aid Probation. You will continue on probation as long as you successfully comply with all contingencies within the FAAP that you sign as part of the SAP Appeal. Once you meet the minimum SAP requirements, you will no longer be on the FAAP.

- Financial Aid Probation Requirements - Your progression will be monitored during the probationary period at the beginning and end of each term to ensure you are following all contingencies within your FAAP and successfully matriculating through your program of study. Disbursements will not be made for a term unless it is verified that you were successful during your prior term and are in the proper classes for the term in question.

MAXIMUM TIME FRAME - As a financial aid recipient, you must earn your degree within a maximum number of attempted credit hours or clock hours after you first enroll at SFSC. Once you reach the maximum time frame of 150% of your degree/certificate program, you are no longer eligible for financial aid. Federal regulations stipulate that the maximum time frame for an undergraduate student cannot exceed 150% of the published length of an academic program and/or a certificate program. If you reach a point when it is clear that you will not be able to meet the quantitative standard (the maximum time frame) by graduation, you may become ineligible for aid. See a financial aid advisor if you have questions or need assistance.

All attempted hours are counted to determine academic progress. This includes transfer hours, hours attempted for which you did not receive financial aid, repeated courses, incomplete courses, withdrawals, and coursework that may have been exempted from calculation of the academic GPA under the Forgiveness Policy.

Transfer Student Hours - All transfer hours that are accepted by the SFSC Registrar will be included when determining your eligibility. Thus, hours accepted toward your educational program at SFSC will be counted as both attempted hours and completed hours when calculating maximum time frame for SAP purposes. If you are a transfer student with hours above the 150% (based on what hours have been accepted) maximum time frame, you may not be eligible to receive financial aid. See a financial aid advisor if you have questions or need assistance.

Remedial Coursework - Federal funding for remedial coursework will be limited to 30 credit hours regardless of whether or not you received financial aid for the remedial (college preparatory courses) credit hours. Once you have attempted 30 credit hours in remedial courses, you will no longer be eligible to receive financial aid for additional remedial hours. Remedial coursework for determining your SAP will be included in the evaluation of GPA and 67% completion. However, remedial hours may be excluded from the maximum time frame determination.

Regaining Eligibility Through the Appeal Process - If you believe extenuating circumstances prevented you from meeting the required standards of progress as outlined above, you may appeal to the Financial Aid Appeal Committee by completing the “Satisfactory Academic Progress (SAP) Appeal” form. This form is available on our website at southflorida.edu under the Current Student tab, then Financial Aid and Scholarships, then Forms.
If you desire to file an appeal to be reviewed for the current term, you should come prepared to pay all tuition and fees awaiting the decision of the committee. If the decision is favorable, your financial aid will be reinstated and you will be required to sign a Financial Aid Academic Plan (FAAP) and meet all contingencies therein. All appeals must have the following as applicable to your circumstances:

- A letter written by you describing mitigating circumstances that prevented you from achieving satisfactory progress. Mitigating circumstances that may be considered include: family difficulties, such as divorce or personal illness; serious illness or death within immediate family, or other circumstances beyond your reasonable control.

- Proof that the mitigating circumstances you describe actually occurred (such as police report, death certificate or obituary, letter from a physician, copies of appointments, etc.).

- Your condition or mitigating circumstances must be resolved allowing you the ability to complete coursework successfully or an appeal will not be granted.

- You will be limited to one maximum time frame appeal and will be required to successfully complete 100% of all coursework. If approved, a FAAP will be required and you will not be allowed to change your program of study without an additional appeal. For this appeal, you must explain why you have not met graduation requirements and describe what actions or plans you have taken or will take to make sure you graduate in the near future.

A committee reviews the appeals and determines whether there are sufficient reasons to allow your financial aid to be reinstated. You will be notified in writing of the committee’s decision. If your eligibility to receive financial aid for an additional term is granted, you will be placed on financial aid probation, must sign an FAAP, and meet all contingencies therein. If you fail to keep the agreement of your FAAP, you will be placed back on suspension.

If you are placed back on financial aid suspension and you do not have mitigating circumstances to support why you failed to meet the agreement of your FAAP, you may regain your eligibility for financial aid by enrolling in courses at your own expense and bringing your cumulative GPA up to a 2.0 or higher and your cumulative Completion Rate to at least 67%. This may not apply to the maximum time frame status.

**Other Important Satisfactory Progress Information**

1. **The Satisfactory Academic Progress Policy is applied to all terms that you are enrolled at SFSC whether or not you receive financial aid.**

2. **If you change your major multiple times during your enrollment at SFSC and this causes your attempts to exceed the maximum time frame of 150% of the published length of the program including transfer hours, you may not be eligible for financial aid. Changes in major, double majors and/or certificates do not increase your maximum time frame and may cause you to lose your eligibility before earning a degree. However, upon completion of a certificate or an associate degree, you may continue to receive financial aid if you are seeking a different certificate or degree. This is possible only once with an appeal where the school may exclude prior credits and grades that do not count toward the new certificate or program of study for SAP determination. This appeal must be made to the SAP Appeal Committee and will only apply if you are meeting all of the other standards of progress measurements.**

3. **When determining financial aid eligibility, a grade of I (Incomplete) will not affect your GPA, however, it will affect your completion rate. If the I grade is not removed by the due date (six weeks from the beginning of the next College enrollment period, according to College Policy), it reverts to an F grade. Such a grade may contribute to suspension of financial aid eligibility.**

4. **You may use financial aid to repeat a course in which a grade of N, D, or F has been earned only if you have not reached the maximum time frame of 150% of the given program and you are meeting the standards of academic progress. You may also use financial aid ONLY ONCE to repeat a course for credit in which a grade of C or higher was earned if you are making SAP. If you elect to improve a grade in a course, the repeat credit(s) will be included in the total number of credits when determining enrollment status as well as the total number of attempts in determining your quantitative measure of progress.**

The decision of the SAP Appeal Committee is final and not normally open for further consideration. However, if your appeal is denied and you believe your mitigating circumstances warrant a second look, you may submit a written request for a review of the appeal to the dean, student services.

**Exceptions to the Appeals Process** - The financial aid director or designee can waive the appeal process in certain limited situations. If you reach 150% of your degree program, but have less than one academic year to complete this program, you may continue to receive financial aid at the discretion of the financial aid director or designee provided your Pell Grant Lifetime Eligibility Used has not been met and you meet all other standards of progress measurements. The financial aid director or designee may also refer you to the SAP Appeal Committee. **NOTE:** This is a one-time option and does not apply to multiple associate degrees or certificates.
Student Rights and Responsibilities

STUDENT FINANCIAL AID RIGHTS AND RESPONSIBILITIES - As a student and potential recipient of financial aid at SFSC, it is important that you read and understand the following student rights and responsibilities pertaining to financial aid.

Student Rights:

1. What financial assistance is available, including information on all federal, State, and institutional financial aid programs
2. What the deadlines are for submitting applications for each of the financial aid programs available
3. What the cost of attending is and what policies are on refunds if you drop out
4. What criteria are used to select financial aid recipients
5. How the school determines a student's financial need. This process includes how costs for tuition and fees, room and board, travel, books and supplies, personal and miscellaneous expenses, etc. are considered in your budget
6. What resources (such as expected family contribution, other financial aid, veterans' benefits, etc.) are considered in the calculation of your need
7. Establish plans to meet your educational and living expenses in case of delay in receiving financial aid assistance
8. Keep informed by reviewing all information sent to you, as well as by regularly checking your status in Panther Central
9. Apply for financial aid early, if you believe you will need financial assistance
10. Keep SFSC informed of any changes of address, name or marital status while you are a student, and until all student loans have been repaid in full
11. Maintain satisfactory academic progress
12. How much of your financial need, as determined by the institution, has been met
13. To explain the various programs in your aid award package; to request reconsideration of the award package made
14. What portion of the financial aid is a loan, work, or a grant (If the aid is a loan, you have the right to know what the interest rate is, the total amount that must be repaid, and the pay-back provisions including the length of time you have to repay the loan and when repayment is to begin)
15. How the school determines whether you are making satisfactory academic progress and what happens if you are not
16. To make available for review, a copy of the documents describing the institution's accreditation, approval, or licensing

Financial Aid Student Responsibilities - It is your responsibility to:

1. Review and consider all information about the College's program(s) before enrolling.
2. Apply early, if you need financial aid assistance. Errors can delay receiving financial aid. Intentional misreporting on application forms for financial aid is a violation of the law and is considered a criminal offense subject to penalties under the U.S. Criminal Code.
3. Return all additional documentation, verification information, corrections, and/or new information requested by either the Financial Aid Office or the agency to which an application was submitted.
4. Read and understand all forms before signing and keep copies of them.
5. Accept responsibility for all agreements that bear your signature.
6. Notify the U. S. Department of Education of changes in the name, address, or school status if a loan exists.
7. Perform in a satisfactory manner the work that is agreed upon in accepting a work study award.
8. Know and comply with the deadlines for application or re-application for aid.
9. Comply with the school's refund procedures.
10. Request financial aid transcripts from each postsecondary institution previously attended even if no financial aid was received.
11. Notify the Financial Aid Office of all financial aid received from any source(s) other than the College as soon as the student receives it.
12. Know the time for the disbursement of the award(s) and pick up any aid checks within a reasonable period of time.
13. Abide by all conditions of the financial aid award(s).

Questions concerning financial aid programs and other student rights and responsibilities should be directed to the Financial Aid Office at 863-784-7134 or 863-784-7254.
Refund and Return of Title IV (R2T4) Policy

REFUND POLICY - You must officially drop a course to obtain consideration for a refund. Refunds must be requested within the Drop with Refund Period at the Office of the Registrar (see College Calendar for drop with refund deadlines). Refund exceptions to this rule must be requested in writing to the Academic Appeals Committee and be based upon documented reasons beyond your control. Changes in your schedule may involve application of the refund policy. For example: If you drop a class during the refund period and add another, you will have the money applied toward the added class.

Fees paid by check will not be refunded until your check clears the College’s bank. Refunds are paid by college check or paid by crediting the credit card that paid the fees. Refunds are processed two to four weeks after the end of the Drop with Refund Period.

REFUNDS FOR COLLEGE CREDIT CERTIFICATE AND CAREER CERTIFICATE COURSES - Fall, Spring, and Summer Terms: 100% refund when official drop is received by the Office of the Registrar by the last day of the Drop with Refund Period during normal operating hours.

SPECIAL REFUNDS - The College will issue or apply 100% refund for courses for the following schedule changes:

1. courses canceled by the College;
2. course changes resulting from a college administrative action; or
3. approval of your appeal by the Academic Appeals Committee.

Written documentation is required before any of these changes can be made. Exception to the College refund policy is made pursuant to the federal rules and regulations.

FEDERAL TITLE IV POLICY ON WITHDRAWALS AND RETURN OF FINANCIAL AID (R2T4) - Congress governs what happens to your federal financial aid when you completely withdraw from school in any term. The policy pertains to all federal grants and loan programs, including the Pell Grant, SEOG, Direct Loans, and the Parent Loan for Undergraduate Students (PLUS). It does not affect Federal Work Study.

This law assumes that you earn federal financial aid awards in direct proportion to the number of days of the term attended. If you receive more aid than you earn, the unearned excess funds must be returned to the Department of Education. However, if you receive less aid than the amount earned, you may be able to receive those additional funds. NOTE: Federal award checks not cashed will revert to the granting federal program 180 days after they are issued regardless of eligibility.

RETURN OF FEDERAL FINANCIAL AID CALCULATION METHOD - Return of Title IV (R2T4) funds are calculated as follows: The portion of federal grants and loans you are entitled to receive is calculated on a percentage basis by comparing the total number of days in the term to the number of days completed before withdrawal.

For example, if 30% of the term is completed, 30% of the scheduled aid is earned and 70% of the scheduled awards remain unearned and must be returned to the federal government. The total number of calendar days in a term excludes any scheduled breaks of more than five days. After the 60% point of the term, you have earned all (100%) of the aid. If withdrawal from the College occurs on or before completing 60% of the term, you may have to repay any unearned federal money that was already disbursed. A withdrawal date will be determined by the College when one of these four occurrences:

1. The instructor initiates the withdrawal process (for more information refer to Withdrawals in this College Catalog).
2. The date the student officially notified (verbally or in writing) the Office of the Registrar of intent to withdraw.
3. The midpoint (50%) of the term if you withdraw without notifying the College.
4. The last date of attendance at an academically related activity as documented by the College.

Any award money you are required to return is designated as a federal grant overpayment. Unearned federal aid (the amount that must be returned to the appropriate programs) will be returned to the following programs in the following order as prescribed by federal rules and regulations:

1. Federal Unsubsidized Loans
2. Federal Subsidized Loans
3. Federal PLUS
4. Federal Pell Grant
5. Federal TEACH Grant
6. Federal SEOG

If the return of unearned federal aid causes any portion of tuition and fees to become a liability to the College, the College will bill you the new balance due. You will lose Title IV eligibility unless you return the amount of unearned aid (overpayment) in full to SFSC within 45 days from the date SFSC notifies you of the overpayment. After the 45th day of an unpaid balance, you will be referred to the U.S. Department of Education.
OVER AWARDS - An over award occurs when your award package has exceeded either the unmet need or cost of attendance, depending on the type of aid that has been awarded. To prevent over awards, it is extremely important to notify the FAO of any potential awards not already listed on your financial aid award summary on your Panther Central account. In the event of an over award, your award package is reduced to eliminate the over award, which may result in a repayment of the over award.

REFUNDS/ACADEMIC APPEALS - Refunds requested for academic appeals can only be granted for refunds not involving Title IV financial aid. Federal law currently does not provide for an appeal of this repayment policy.
ACADEMIC STANDARDS AND POLICIES

Academic Regulations
    Academic Amnesty
    Academic Appeals
    Academic Dishonesty and Plagiarism
    Copyright
    Intellectual Property
    Auditing Classes
    Class Attendance
    Course Requirements
    Course Load
    Grading System
    Course Attempts (Withdrawal and Forgiveness Policy)
    Accelerated /Alternative Education
    Credit Awarded for Armed Services Educational Experiences
    Credit for Experience
    Directed/Special Independent Study
    Excess Hours
    Graduation Procedures for All Programs
    Incomplete I Grade
    Schedule of Classes
    Student Classification
    Standards of Academic Progress
    Student Responsibilities
    Veterans Educational Benefits Recipients
    Career Certificate Programs Attendance Standards
    Withdrawals
    Student Directory Information
    Student ID Card
    Notification of Social Security Number (SSN) Collection and Use
    Student Records and Privacy Guidelines
    Family Educational Rights and Privacy Act (FERPA)
    Disclosure of Educational Records
Academic Regulations

You may register for classes each term according to published dates. The College may refuse permission to register for such reasons as: unpaid fees, overdue loans, non-returned library books and audiovisual materials, academic suspension or dismissal, incomplete admission records, and disciplinary action. If you have academic difficulties, you may be limited in the number and type of courses for which you may register.

ACADEMIC AMNESTY - Academic Amnesty allows you to request that all your college coursework (SFSC and transfer) that is at least 10 calendar years old be excluded from your GPA calculations.

Academic Amnesty is a one-time, non-reversible option so you should carefully consider your decision to implement it. Before you apply for Academic Amnesty you should first discuss the program with an advisor/counselor or registrar.

Your petition for Academic Amnesty applies only at SFSC. If you plan to transfer to another college or university, you are strongly cautioned that the receiving institution may use grades for all courses you've attempted when computing your GPA for admissions eligibility or for other purposes.

Academic Amnesty has no effect on your student financial aid. It also has no effect on the calculation of course attempts related to the multiple course attempt surcharge.

It is important to note that individual courses may not be retained when you apply for Academic Amnesty. ALL your coursework is excluded.

To be considered for Academic Amnesty, you must submit a completed Academic Amnesty Petition to the Office of the Registrar during the first term of enrollment. The Academic Appeals Committee evaluates all Academic Amnesty petitions and recommends those who demonstrate potential for success.

To be eligible for Academic Amnesty you must complete a minimum of 15 earned credits at SFSC while maintaining a GPA of 2.5 or higher. College developmental courses are not included in these 15 earned credits.

When Academic Amnesty is granted, all college coursework (SFSC and transfer) that is at least 10 years old is excluded from calculation of your SFSC GPA and use in meeting SFSC graduation requirements. All coursework taken, whether old or new will remain on your permanent record (transcript) and the following statement is added to your transcript: “Academic Amnesty Applied Terms XXXXXX – XXXXXX.”

ACADEMIC APPEALS -

I. Academic Suspension, Refunds, Withdrawal

A. The Academic Appeals Committee reviews requests for exceptions to college academic procedures when extenuating circumstances and factors are beyond your control. The Committee hears requests for waiving academic suspensions, approving tuition refunds, and approving withdrawal from a class after the deadline. If the committee is not available, the dean, student services can hear the appeal.

B. You have a maximum of six months following completion of a class to file an appeal for a tuition refund or withdrawal from a class after the deadline.

C. If you are suspended for one term, a waiver for academic suspension must be filed prior to the last day of classes of the subsequent term.

D. Documentation verifying extenuating circumstances must accompany any request for refund, withdrawal or academic suspension.

E. You may obtain the Academic Appeals Form from any campus location, College website, Panther Central, or Office of the Registrar. The completed form along with supporting documentation is to be submitted to the Office of the Registrar for review.

F. The Academic Appeals Committee will make a recommendation to the dean, student services to approve or deny the request.

G. The dean, student services makes the final decision to approve or deny the request.

H. The Office of the Registrar will inform you of the final decision.

II. Grade Appeals

A. Members of the teaching faculty are responsible for issuing grades. If you believe you have received an incorrect grade, immediately request a conference with your instructor(s) within 15 college working days after the grade(s) is issued.

B. If the conference does not resolve the disputed grade, you should make an appointment to discuss the problem with the instructor’s director, instructional supervisor, or program manager within five College working days after meeting with the instructor.
C. If the meeting with the director, instructional supervisor, or program manager still does not resolve the situation, you may submit a written appeal to the dean of the division within five College working days after meeting with the director, instructional supervisor, or program manager.

D. If the meeting with the division dean does not resolve the situation, you may submit a written appeal to the vice president for academic affairs and student services within five College working days after the conference with the division dean.

E. The vice president for academic affairs and student services makes the final decision to approve or deny the request for grade change.

ACADEMIC DISHONESTY AND PLAGIARISM - The faculty of SFSC is committed to a policy of honesty in academic affairs. Conduct for which you may be subject to administrative and/or disciplinary penalties, up to and including suspension or expulsion, include:

1. Dishonesty consisting of cheating of any kind with respect to examinations, course assignments, or illegal possession of examination papers. If you help another to cheat, you will be subject to the same penalties as the student you assisted.

2. Plagiarism consisting of the deliberate use and appropriation of another’s work without identifying the source and the passing off such work as your own. If you fail to give full credit for ideas or materials taken from another, you have plagiarized.

In case of cheating or plagiarism, the instructor may take academic action consistent with College policy that may range from loss of credit for a specific assignment, examination, or project to removal from the course with a grade of F. Your instructor and you should seek to resolve the problem to your mutual satisfaction. Failing this, your instructor or you may request action from the appropriate instructional supervisor, dean, and the vice president for academic affairs and student services (see Grade Appeals in this College Catalog) who adjudicates on the basis of College policy.

COPYRIGHT - In accordance with College policies, you must respect copyrighted material, in whatever medium or technological application you may find them. You must document sources appropriately when using any copyrighted material. NOTE: You should be in compliance if you use a recognized documentation system such as Modern Language Association (MLA) or American Psychological Association (APA) documentation guides.

INTELLECTUAL PROPERTY - If you develop a product (of any sort) that could earn revenue and the product is developed on SFSC’s campus/center using SFSC’s facilities or in conjunction with SFSC employees, the College may own some or all of the product. Ownership of the product is negotiated between you, the College, and any other interested parties and stated in a written contract. If you have questions regarding product ownership, contact the vice president for administrative services at 863-784-7218.

AUDITING CLASSES - You may register to audit a course once prior to registering for credit (college developmental courses cannot be audited as outlined in Section 1001.02, Florida Statutes (F.S.) under Rule 6A-14.0301, Florida Administrative Code (F.A.C.). Courses taken on an audit basis do not count for credit. Regular fees are charged and you must abide by the instructor’s audit policy. Audited courses are recorded on your academic record with a grade of X. You may not change your registration for a course from credit to audit after the end of the Drop with Refund Period.

CLASS ATTENDANCE - Absences from class may result in your being withdrawn by the instructor and possible loss of financial aid. Instructors will explain their class attendance policies (this policy must be provided to you during the first week of class). If you are not registered for the class, you are not permitted to attend. There are additional attendance requirements for veterans in career certificate programs and financial aid students.

COURSE REQUIREMENTS - You are responsible for checking the admission requirements of limited admission programs. You are also responsible for knowing the prerequisites and/or corequisites of each course in which you plan to enroll (see Course Descriptions). If you have not met all requirements, you will not be permitted to register for courses.

COURSE LOAD - Credit for work completed in college credit courses is shown as credit hours. One credit hour course generally meets one hour per week during the 16-week term. Generally, laboratory type courses are required to meet twice that length of time or number of hours.

If you are an unemployed full-time student, you could carry an academic load of 12 to 18 credit hours during fall and spring terms. The normal load is 6 to 8 credit hours during summer term. If you are employed or have other major responsibilities, you should enroll in fewer courses. Approval must be obtained from the dean, student services to enroll in more than 18 credit hours in the fall or spring term, and 8 credit hours in summer term.

If your GPA is below 2.0, you should register for 12 or fewer credit hours. A counselor’s approval of your class schedule prior to registration is required.
GRADING SYSTEM - College and occupational credit students receive final grades at the end of each term. The College grades according to the following Grade Point Average (GPA) system:

1. Cumulative GPA for all credit-level courses is based on all credit-level courses at SFSC and other institutions.

2. Cumulative GPA for all occupational-level courses is based on all occupational-level courses at SFSC and other institutions.

The GPA is computed by adding the total quality points for all courses in a term and dividing by the total number of credits earned. For example: If you take 16 hours (five courses) during fall term and earn the following grades:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Grade</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>3</td>
<td>A</td>
<td>4</td>
</tr>
<tr>
<td>Biology</td>
<td>4</td>
<td>B</td>
<td>3</td>
</tr>
<tr>
<td>Math</td>
<td>3</td>
<td>C</td>
<td>2</td>
</tr>
<tr>
<td>History</td>
<td>3</td>
<td>D</td>
<td>1</td>
</tr>
<tr>
<td>Speech</td>
<td>3</td>
<td>F</td>
<td>0</td>
</tr>
</tbody>
</table>

Total Credits: 16
Total Points: 33

Divide 33 grade points by 16 credits = 2.062 GPA

Grades used to compute GPA:

<table>
<thead>
<tr>
<th>Grade</th>
<th>Percent</th>
<th>Definition</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>90-100</td>
<td>Excellent</td>
<td>4</td>
</tr>
<tr>
<td>B</td>
<td>80-89</td>
<td>Good</td>
<td>3</td>
</tr>
<tr>
<td>C</td>
<td>70-79</td>
<td>Average</td>
<td>2</td>
</tr>
<tr>
<td>D</td>
<td>60-69</td>
<td>Passing</td>
<td>1</td>
</tr>
<tr>
<td>F</td>
<td>0-59</td>
<td>Failure</td>
<td>0</td>
</tr>
</tbody>
</table>

Grades not used to compute GPA:

<table>
<thead>
<tr>
<th>Grade</th>
<th>Definition</th>
</tr>
</thead>
<tbody>
<tr>
<td>N</td>
<td>No grade</td>
</tr>
<tr>
<td>W</td>
<td>Withdraw or not completed</td>
</tr>
<tr>
<td>X</td>
<td>Audit</td>
</tr>
<tr>
<td>S</td>
<td>Satisfactory</td>
</tr>
<tr>
<td>P</td>
<td>Pass</td>
</tr>
<tr>
<td>U</td>
<td>Unsatisfactory</td>
</tr>
<tr>
<td>I</td>
<td>Incomplete</td>
</tr>
<tr>
<td>3, 4, 5</td>
<td>Advanced placement test grades</td>
</tr>
<tr>
<td>D*, F*</td>
<td>Transfer grades not used in GPA calculation</td>
</tr>
<tr>
<td>A., B., C., D., F.</td>
<td>Grades received in a college developmental course</td>
</tr>
</tbody>
</table>

COURSE ATTEMPTS (Withdrawal and Forgiveness Policy) - You will not be permitted to register for a course as a credit student more than three times.

1. You will not be permitted to repeat a course in which you have earned a grade of C or higher unless the course is specified as being repeatable for credit. For more information, see a counselor or campus/center director.

2. You may repeat a course in which you have earned a grade of D or F a maximum of two (2) times for the purpose of grade improvement. Only the last grade earned counts in the cumulative GPA. You may complete a Special Exception Request to appeal these fees due to extenuating circumstances and financial hardship. The completed form and all documentation must be submitted to the Office of the Registrar for review.

3. You will be permitted a maximum of two withdrawals per course. Grade of W assigned prior to the fall of 1997 will not be counted as a registration attempt.

4. Withdrawal from a third or fourth registration is not permitted and the grade earned will be included in the calculation of the cumulative GPA.

5. A fourth registration may be allowed, but only when approved by the Exceptions Committee and based on extenuating circumstances. All grades from the third and subsequent attempts will be calculated in the GPA (you will be assessed the full cost of instruction which is equal to the non-resident course fee).

6. You should seek advice from a counselor, financial aid advisor, or the registrar regarding the potential impact of forgiven courses in the computation of your GPA in transferring to other institutions and the need to consider the impact of retaking a course on your financial aid eligibility.

NOTE: You may not withdraw from the third or fourth attempt of any course.
ACCELERATED/ALTERNATIVE EDUCATION - SFSC offers many programs to help you meet your individual educational goals and needs. The College also provides specialized services for business and industry.

SFSC provides a number of options to assist you in accelerating your program of study or gaining credit through alternative methods. A maximum of 45 credit hours may be earned toward graduation requirements through independent study, challenge exams, and other accelerated/alternative education mechanisms. (Writing and computation course requirements must be met.) These options include:

**Advanced Placement Credit (AP)** - is awarded upon submission of the AP test results from the College Entrance Examination Board with scores of 5, 4, or 3. (Send an official copy of AP scores to the Office of the Registrar.)

**College-Level Examination Program (CLEP)** - You may earn college credit by scoring above minimum required levels on CLEP tests. No more than 6 credits can be transferred in each of the following areas: English, humanities, mathematics, natural sciences, and social science - history.

You may receive credit for courses with a letter grade of S indicating satisfactory completion. Earned CLEP credits are not computed in GPAs. CLEP application fees and additional information are available in the Testing and Assessment Center.

### Advanced Placement (AP)

#### Credit-by-Exam Equivalencies

<table>
<thead>
<tr>
<th>Exam Title</th>
<th>Score</th>
<th>Course Equivalent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biology</td>
<td>3</td>
<td>BSC 1005</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>BSC 1010C</td>
</tr>
<tr>
<td></td>
<td>5</td>
<td>BSC 1010C and BSC 1011C</td>
</tr>
<tr>
<td>Calculus AB</td>
<td>3</td>
<td>MAC 2311</td>
</tr>
<tr>
<td>Calculus BC</td>
<td>3</td>
<td>MAC 2311</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>MAC 2311 and MAC 2312</td>
</tr>
<tr>
<td>Chemistry</td>
<td>3</td>
<td>CHM 1020</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>CHM 2045C</td>
</tr>
<tr>
<td></td>
<td>5</td>
<td>CHM 2045C and CHM 2046C</td>
</tr>
<tr>
<td>Economics (Macro)</td>
<td>3</td>
<td>ECO 2013</td>
</tr>
<tr>
<td>Economics (Micro)</td>
<td>3</td>
<td>ECO 2023</td>
</tr>
<tr>
<td>English Literature and Composition</td>
<td>3</td>
<td>ENC 1101, AML, or ENL</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>ENC 1101 and either ENC 1102 or LIT 1005</td>
</tr>
<tr>
<td>English Language and Composition</td>
<td>3</td>
<td>ENC 1101</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>ENC 1101 and ENC 1102</td>
</tr>
<tr>
<td>Government: U.S.</td>
<td>3</td>
<td>POS 1041</td>
</tr>
<tr>
<td>Human Geography</td>
<td>3</td>
<td>GEO 2420</td>
</tr>
<tr>
<td>Psychology</td>
<td>3</td>
<td>PSY 2012</td>
</tr>
<tr>
<td>Spanish Language</td>
<td>3</td>
<td>SPN 2220C</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>SPN 2220C and SPN 2221C</td>
</tr>
<tr>
<td>Studio Art (2D Design)</td>
<td>3</td>
<td>ART 1201C</td>
</tr>
<tr>
<td>Studio Art (3D Design)</td>
<td>3</td>
<td>ART 1202C</td>
</tr>
<tr>
<td>U.S. History</td>
<td>3</td>
<td>AMH Elective</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>AMH 1010 and AMH 1020</td>
</tr>
<tr>
<td>World History</td>
<td>3</td>
<td>WOH 2040</td>
</tr>
</tbody>
</table>

### CLEP Examinations

<table>
<thead>
<tr>
<th>Exam Title</th>
<th>Minimum Score</th>
<th>Crs.</th>
<th>Course Equivalent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accounting, Financial</td>
<td>50</td>
<td>3</td>
<td>ACG 2001</td>
</tr>
<tr>
<td>*Algebra, College</td>
<td>50</td>
<td>3</td>
<td>MAC 1105</td>
</tr>
<tr>
<td>*American Government</td>
<td>50</td>
<td>3</td>
<td>POS 1041</td>
</tr>
<tr>
<td>*American Literature</td>
<td>50</td>
<td>3</td>
<td>Elective credit</td>
</tr>
<tr>
<td>*Biology, General</td>
<td>50</td>
<td>3</td>
<td>BSC 1005</td>
</tr>
<tr>
<td>Business Law, Intro to</td>
<td>50</td>
<td>3</td>
<td>BUL 2241</td>
</tr>
<tr>
<td>*Calculus</td>
<td>50</td>
<td>3</td>
<td>MAC 2233</td>
</tr>
<tr>
<td>*Chemistry, General</td>
<td>50</td>
<td>3</td>
<td>CHM 1020</td>
</tr>
<tr>
<td>*College Composition</td>
<td>50</td>
<td>6</td>
<td>ENC 1101 and ENC 1102</td>
</tr>
<tr>
<td>*French Language</td>
<td>50</td>
<td>4</td>
<td>FRE 1120C</td>
</tr>
<tr>
<td></td>
<td>59</td>
<td>8</td>
<td>FRE 1120C and FRE 1121C</td>
</tr>
<tr>
<td>College Composition Modular</td>
<td>50</td>
<td>3</td>
<td>AMH 1010</td>
</tr>
<tr>
<td>*History of the United States I</td>
<td>50</td>
<td>3</td>
<td>AMH 1020</td>
</tr>
<tr>
<td>*History of the United States II</td>
<td>50</td>
<td>3</td>
<td>DEP 1004</td>
</tr>
<tr>
<td>*Humanities</td>
<td>50</td>
<td>3</td>
<td>None</td>
</tr>
<tr>
<td>*Information Systems and Computer Applications</td>
<td>50</td>
<td>3</td>
<td>CGS 1077</td>
</tr>
<tr>
<td>*Microeconomics, Princ.</td>
<td>50</td>
<td>3</td>
<td>ECO 2013</td>
</tr>
<tr>
<td>Management, Principles of Marketing, Principles of *Mathematics, College</td>
<td>50</td>
<td>3</td>
<td>MGF 1106 or MGF 1107</td>
</tr>
<tr>
<td>*Microeconomics, Princ.</td>
<td>50</td>
<td>3</td>
<td>ECO 2023</td>
</tr>
<tr>
<td>Natural Science</td>
<td>50</td>
<td>3</td>
<td>None</td>
</tr>
<tr>
<td>*Pre-calculus</td>
<td>50</td>
<td>3</td>
<td>MAC 1140</td>
</tr>
<tr>
<td>*Psychology, Introductory to Social Science and History</td>
<td>50</td>
<td>3</td>
<td>PSY 2012</td>
</tr>
<tr>
<td>*Sociology, Introductory</td>
<td>50</td>
<td>3</td>
<td>SYG 2000</td>
</tr>
<tr>
<td>*Spanish Language</td>
<td>50</td>
<td>4</td>
<td>SPN 1120C</td>
</tr>
<tr>
<td></td>
<td>63</td>
<td>8</td>
<td>SPN 1120C and SPN 1121C</td>
</tr>
<tr>
<td>*Trigonometry</td>
<td>50</td>
<td>3</td>
<td>MAC 1114</td>
</tr>
<tr>
<td>*Western Civilization I</td>
<td>50</td>
<td>3</td>
<td>EUH 1000</td>
</tr>
<tr>
<td>*Western Civilization II</td>
<td>50</td>
<td>3</td>
<td>EUH 1001</td>
</tr>
</tbody>
</table>

*Eligible for use with Bright Futures Scholarship students

Minimum acceptable scores are subject to change without notice.
CREDIT AWARDED FOR ARMED SERVICES EDUCATIONAL EXPERIENCES - In recognition of the advanced academic and technical content of many military education experiences, SFSC will grant credit for military education that has been evaluated and recommended as suitable for postsecondary credit by the American Council on Education’s (ACE) Guide to the Evaluation of Educational Experiences in the Armed Services. After enrollment in the College, you may initiate the request for such credit by providing appropriate documentation as determined by the College. Recommendations in the ACE Guide are advisory in nature and are not binding upon the College.

CREDIT FOR EXPERIENCE - You may have gained knowledge and skills through life experiences which are equivalent to those taught in college courses. The registrar will assist you in identifying applicable knowledge and skills, assess the skills, and award credit as appropriate up to a maximum of 30 hours of college credit or half the length of the program, whichever is less, or 600 clock hours (20 occupational credits), or half the length of the program, whichever is less. All graduation requirements must be met. If a faculty evaluation is required, a fee will be assessed.

Only degree- and certificate-seeking students who are currently enrolled at SFSC are eligible to receive accelerated learning credit based on noncredit coursework or experience. A written request from the student, identifying the courses that are to be reviewed and the reason for credit consideration is required. An accelerated learning course fee for each course may be required prior to evaluation. The student must submit the request and documentation or materials for the determination of credit to the Office of the Registrar.

DIRECTED INDEPENDENT STUDY (DIS) courses are especially designed to allow you to pursue particular topics within a specific academic discipline under the guidance of a qualified instructor.

SPECIAL INDEPENDENT STUDY (SIS) is a way to complete an existing course through independent study under close supervision of a faculty member. A SIS is permitted when you are unable to register for a needed course because of documented reasons beyond your control, a course required for graduation is not offered, or a course was canceled due to insufficient enrollment, and you are in your last term before graduation.

If you wish to take a course (except for college developmental courses) by Directed or Special Independent Study (DIS)/ (SIS), you must secure a request form from the Office of the Registrar and submit it to the appropriate chair and dean for approval. Upon approval, an instructor will be assigned.

The maximum number of hours allowed by independent study is 15 hours. Once properly documented, independent study status is begun only upon approval of the division dean, instructional supervisor, and the college instructor selected to supervise the study. The instructor specifies the requirements to be completed including tests, periodic class attendance, term papers, etc. The regular grading system applies to all Independent Study students. Grades earned by independent study have the same status as those acquired through regular class attendance. If you take a course through Independent Study, you must register for the specific course section in the regular manner.

EXCESS HOURS - Section 1009.286, Florida Statutes (F.S.), establishes an “excess hour” surcharge equal to 100% of the tuition rate for a student seeking a Baccalaureate degree at a State university. It is critical that students, including those entering Florida colleges, are aware of the potential for additional course fees. “Excess hours” are defined as hours that go beyond 110% of the hours required for a Baccalaureate degree program. For example, if the length of the program is 120 credit hours, the student may be subject to an excess hour surcharge equal to 100% of the tuition rate for any credits attempted beyond 132 credit hours (120 x 110%).

GRADUATION PROCEDURES FOR ALL PROGRAMS - If you are in anticipation of degree and/or program completion at the end of the term, you are to complete the following pre-graduation procedures:

1. Complete an Application for Graduation from the College website, southflorida.edu.
2. Associate and Baccalaureate degree students: meet with a counselor, campus/center director, or instructional supervisor for a graduation requirement check to ensure eligibility to graduate. Career certificate and GED diploma students must be certified by the director, instructional supervisor, program manager, or coordinator.
3. If you are receiving or have received a federal loan, you must complete a required financial aid exit interview.
4. Complete a graduation satisfaction survey.
5. Pay the graduation fee.

The SFSC commencement ceremonies are held in May and December of each year (see College Calendar). If you have completed graduation requirements in the fall or spring term, or have applied early for graduation for the summer term, you are invited to participate.

However, if you have applied for graduation, but have not completed all graduation requirements, you cannot be recognized for honors or high honors during the commencement ceremony.

INCOMPLETE GRADE - If you have participated throughout the term but are unable to complete all course requirements (such as a term paper, project or final exam) because of illness or other extenuating circumstances, you may request a grade of incomplete. If you receive an I grade, you have six weeks from the beginning of the next College enrollment period to make up the work in the course as outlined on
the Incomplete Grade request form. If you do not complete the assigned work, the grade is automatically changed to an F or to the grade assigned by the instructor. Incomplete grades in competency-based programs are governed by the appropriate departmental policies.

SCHEDULE OF CLASSES - The Schedule of Classes for each term is available on the internet at southflorida.edu/class-schedules. SFSC offers a variety of courses at convenient times and locations. However, the College, at times, may be required to change or cancel a scheduled class. Changes are posted at all registration locations and online.

STUDENT CLASSIFICATION - You are a full-time college-credit student if you enroll in 12 or more hours of credit each term during the fall or spring term. You are a part-time student, if you register for fewer than 12 credits. Full-time enrollment during the summer term is considered to be 6 or more hours. NOTE: A total of 12 credit hours must be taken during the summer term to qualify as a full-time student for financial aid and veterans’ purposes.

You are a full-time occupational and adult education student, if you are enrolled in 480 contact hours during the fall and spring terms and 180 contact hours during summer term.

STANDARDS OF ACADEMIC PROGRESS -

College Credit

I. Academic Probation 1
   A. If your cumulative GPA falls below 2.0 after completing 7 or more credit hours, you will be placed on Academic Probation 1.
   B. If you are on Academic Probation 1, you will be required to attend individual advising/counseling sessions, restricted to enrolling in not more than 13 credit hours, and must have your program of study approved by a counselor or advisor prior to your next registration.
   C. You will remain on Academic Probation 1 status until your cumulative GPA rises above 2.0 or until moved to Academic Probation 2 status.

II. Academic Probation 2
   A. If you have been placed on Academic Probation 1, you will be placed on Academic Probation 2 if your GPA for any subsequent term falls below 2.0.
   B. If you are on Academic Probation 2, you will be required to attend individual advising/counseling sessions, be limited to no more than a 13 credit hour class load, and be restricted to a prescribed program that may include courses to overcome skills deficiencies.
   C. You will remain on Academic Probation 2 status each term that your cumulative GPA remains below 2.0 unless you are moved to Academic Suspension status.

III. Academic Suspension
   A. You will be placed on Academic Suspension if your GPA for any two consecutive terms falls below 2.0.
   B. The period of Academic Suspension is one term (a term is defined as the fall, spring, or summer term).
   C. You may request the dean, student services to review your case.
   D. While on Academic Suspension, you may audit two non-preparatory courses while receiving assistance in the Tutoring and Learning Center (TLC).
   E. If you are on Academic Suspension, you may not attend college credit classes for the term unless approved by review under the following procedure, “Removal of Academic Suspension/Probation.”

IV. Removal of Academic Probation/Suspension Status
   A. You may be removed from Academic Probation 1 status by attaining a cumulative GPA of 2.0 or higher during the current term.
   B. You may be upgraded from Academic Probation 2 to Academic Probation 1 by achieving a term GPA of 2.0 or higher.
   C. If you are readmitted after Academic Suspension, you will enter on Academic Probation 2 unless your cumulative GPA is 2.0 or higher.

V. Determination of Satisfactory Progress - Determination of satisfactory progress will be measured at the end of each term.

VI. Transfer Students - When you transfer to SFSC, your cumulative GPA is determined by the transfer courses posted on your transcript. You remain in good standing until your transfer credits have been officially evaluated and become a part of your academic record. In most cases, this should occur prior to advising/registration for your first term.

NOTE:

A. The cumulative GPA does not include college preparatory courses.
B. If you are a college credit student who has been suspended, you may enroll in a career certificate program, register for occupational classes, and be placed in good standing.

C. If you transfer into the SFSC Associate in Arts degree program with less than a 2.0 GPA, you will be admitted on probation.

Occupational Credit

I. Occupational Program Probation Procedure:

A. If you fail to maintain satisfactory progress toward career certificate program competencies during any term, you will be placed on program probation. Program competencies may include any State of Florida Occupational Program Student Performance Standard.

B. Any instructor has the right to recommend probationary status at any time during your program enrollment.

C. Program probation must be for a specified length of time with specific conditions for your remediation assigned in order to have the probationary status lifted. Conditions of probation are determined by the program instructor and the instructional supervisor or division dean.

II. Removal of Probation:

A. You will be removed from probationary status upon satisfactory completion of the probation conditions.

III. Occupational Program Suspension:

A. If you have been placed on program probation, as determined by the instructor and instructional supervisor or division dean and do not complete the conditions of probation, you will be suspended from the career certificate program.

B. Program suspension is for a minimum of two terms. If the suspension occurs prior to mid-term, the term counts as a term of suspension. If suspension occurs after mid-term, the term does not count as a term of suspension. A term is defined as fall, spring, or summer enrollment periods.

IV. Occupational Appeal Process:

A. If you have been placed on suspension from a program, you may appeal your suspension through the program instructor, the instructional supervisor, and the division dean.

STUDENT RESPONSIBILITIES - When you register at SFSC, you agree to accept the rules and regulations of the College (refer to the Student Handbook Student Rights and Responsibilities).

VETERANS EDUCATIONAL BENEFITS RECIPIENTS - Standards of Progress for Veterans and Other Eligible Persons. If you receive veterans' benefits, you must adhere to the following Standards of Progress. None of the following policies/procedures affect your right to attend SFSC. They pertain only to receiving U.S. Department of Veterans Affairs (VA) educational benefits. For more information, contact the Advising and Counseling Center by calling 863-784-7128.

Attendance Standards - VA regulations require that attendance records be kept if you receive veteran’s benefits and are enrolled in programs not leading to a standard college degree. This includes all approved certificate and adult education programs. If you receive veteran’s benefits and accumulate three or more unexcused absences during any calendar month, you will have your VA educational benefits terminated. Three tardy days may count as one day of absence and two partial days absent may count as one day of absence. If you are terminated for excessive absences, you may be reinstated once during a given term upon written permission of the program director. Any further termination for the same reason will be considered unsatisfactory progress.

Academic Standards - The VA Regional Office is notified immediately whenever you receive a grade or grades of X, N, or W, and credit hours for benefit purposes are adjusted accordingly. These are considered non-punitive grades and unless extenuating circumstances prevail, you will be in over-payment for any benefits paid for such a course or courses from the first day of the term to the day the grade was assigned.

Program Length - You are certified VA and paid by the VA only for those courses required for their particular program of study. All degree programs are approved for a specific number of credit hours. You are not certified to the VA or paid by the VA for any courses above and beyond the approved length of the course. Career certificate programs are measured in clock hours rather than credit hours, but the same rule applies.

Unsatisfactory Progress (VA Students) - When you fail to make satisfactory academic progress, the payment of VA educational benefits is suspended until the cause of the unsatisfactory progress has been removed, and your program of education is determined to be suited to your aptitudes, interests, and abilities.

Following the first term with a GPA below 2.0, you will receive a notice that you are on academic probation. If you have two or more consecutive terms with a GPA below 2.0 for each term, you will have educational benefits terminated for failure to maintain satisfactory progress.
You are cautioned that while you need to maintain a minimum GPA of 2.0 to continue receiving VA benefits, you must also achieve a minimum GPA of 2.0 to graduate.

All courses attempted are used to compute the GPA. The GPA is computed by dividing the sum of the quality points by the total number of hours for that particular term. GPA computations are done three times each school year, following fall, spring, and summer terms. If you attend only one summer flex session, your GPA will be computed after that session.

CAREER CERTIFICATE PROGRAMS ATTENDANCE STANDARDS - Federal regulations require that attendance records be kept if you receive federal funds. Vocational students earn aid by attending classes. Therefore, your attendance is crucial to continue receiving future aid.

WITHDRAWALS - If you are registered for a course for the third time, you cannot withdraw or be withdrawn by an instructor with a grade of W. A letter grade must be assigned.

College Withdrawal - To officially withdraw from the College, you must complete a Withdrawal form and submit it to the Advising and Counseling Center. However, withdrawing from the College may not be the best or only solution for you.

NOTE: Failure to withdraw, or withdrawals without instructor approval, will result in an automatic grade of F. Requests for refund after the deadline must be in the form of a petition to the Academic Appeals Committee.

Withdrawal for Academic Reasons - An institutional withdrawal for academic reasons may be issued by your instructor up to the last date for withdrawal specified in the SFSC College Calendar. Exception: If you enroll in a college credit or developmental course for the third time, you may not be withdrawn. A grade must be assigned.

Student Withdrawals (First and Second Attempts Only):

College Credit - If you enroll in college credit courses, you may drop any course with a full refund until the Drop with Refund Period ends and withdraw without a refund from your first or second attempt until the last day for withdrawal. (See College Calendar in the front section of this College Catalog.) If you withdraw from a developmental course, you must first consult a counselor/advisor. (See College Developmental Course Rule.)

NOTE: Failure to withdraw or withdrawals made after the voluntary withdrawal/drop date may result in a grade of F. Requests for withdrawal without grade penalty and/or refund after deadline must be in the form of a petition to the Academic Appeals Committee.

Occupational Credit - If you enroll in a certificate program (150-480 contact hours), you may drop a course with a full refund up to one week after your registration. You may withdraw from your first or second attempt in an occupational credit course at any time prior to the end of the course with the instructor’s approval without grade penalty. A withdrawal is counted as registration and only three registrations of any course are permitted except for the required lab courses that are repeatable.

NOTE: Failure to withdraw or withdrawals without instructor approval, will result in an automatic grade of F. Requests for refund after the deadline must be in the form of a petition to the Academic Appeals Committee.

Drop for No Show - If you do not attend classes during the first and second weeks of classes, you will be reported to the Office of the Registrar as a “No Show” and will be dropped. If you enroll in an online class and you do not participate in the online class during the first week of the term, you will be reported as a “No Show” and will be dropped.

Withdrawal for Lack of Attendance - Your instructor has the authority to withdraw you for lack of attendance up to the last date for withdrawal specified in the SFSC College Calendar provided it is not your third or fourth attempt in a college credit or developmental course. Attendance expectations should be clearly specified in the course syllabus and covered by the instructor during the first week of class in a format appropriate to the class (written, oral, electronic). College credits and clock hour programs differ in the amount of time you must attend in order not to be dropped from the class. The instructor may withdraw you for lack of attendance in the following ways:

1. If you do not attend classes during the first and second weeks of classes, you will be reported to the Office of the Registrar as a “No Show.”

2. At the mid-term period, the instructor must indicate whether or not you are regularly attending classes. If you are not attending classes at mid-term, you will be reported to the Office of the Registrar as ‘Not Attending.’ The Registrar will withdraw you from the course with a final grade of W.

3. If you stop attending class after the last day to withdraw with a W, your instructor may award the grade of F prior to
the end date of the class by submitting a Class Absence Report form to the Office of the Registrar.

4. If you are taking online or hybrid courses, the Educational Technology Support Department will be notified by the registrar to remove you with a grade of W or F and from access to the Brightspace® course(s).

5. If extenuating circumstances beyond your control occur after the withdrawal date, you may petition the Academic Appeals Committee to request a withdrawal from the class with a grade of W.

STUDENT DIRECTORY INFORMATION - Federal regulations require each institution to determine directory information that may be released without the student’s consent, unless the student has specifically requested that some or all of the information not be released. SFSC has identified the following as directory information:

- student name;
- dates of attendance;
- academic program;
- honors received (president’s and vice president’s list, cum laude, etc.);
- degree received and date conferred;
- lists of prospective graduates;
- participation in officially recognized activities and sports;
- weight and height of athletic team members; and
- identification card, digitized photographs.

NOTE: Although SFSC has designated student directory information, it will appear only in SFSC-generated information such as the commencement ceremony programs, SFSC publications, student IDs (ID Card), and news releases of awards. In addition, students’ names and addresses will be given to selected institutions of higher education for recruiting purposes and to branches of the U.S. military in accordance with federal guidelines.

STUDENT ID CARD - When requesting a new SFSC Student Photo ID, you must present one form of government issued photo identification (e.g., State Driver’s License, State Identification Card, or passport) at the time the ID card is made. You may obtain a Student ID Card at the Highlands Campus (Welcome Center, Building B), Hardee Campus, or DeSoto Campus. The initial card is FREE. If lost or stolen, you may obtain a replacement card for a fee. Returning students do not need to obtain a new Student ID.

NOTIFICATION OF SOCIAL SECURITY NUMBER (SSN) COLLECTION AND USE - In compliance with Section 119.071(5), Florida Statutes (F.S.) under Rule 6A-1.0955(3) (e), State Board of Education (S.B.E.), SFSC issues this notification regarding the purpose of the collection and use of your SSN.

SFSC collects your SSN for use in performance of the College's duties and responsibilities. To protect your identity, SFSC will secure your SSN from unauthorized access. SFSC will never release your SSN to unauthorized parties, and each student at SFSC will be issued a unique student identification number. Your unique student identification number is used for all educational purposes at SFSC including registration and access of your online record.

Federal legislation relating to the Hope Tax Credit, IRC Section 25A, requires that all postsecondary institutions report the SSNs of all postsecondary students to the Internal Revenue Service (IRS). This IRS requirement makes it necessary for colleges to collect the SSNs of every student. A student may refuse to disclose his/her SSN to the College, but refusing to comply with the federal requirement may result in fines established by the IRS.

In addition to the federal reporting requirements, the public school system in Florida uses the SSN as a student identifier. This use is authorized in Section 1008.386, Florida Statutes (F.S.). In a seamless K-20 educational system, it is beneficial for postsecondary institutions to have access to the same information for purposes of tracking and assisting students in the transition from one educational level to the next. All SSNs are protected by federal regulations and are never released to unauthorized parties.

- Athletics Department - If you are awarded a scholarship through the Athletics Department but have not yet been officially admitted to the College and assigned a college ID, your SSN will be used to report the scholarship award.

- Corporate and Community Education/Driver Education Program - According to Florida State education reporting requirements, you must submit your SSN when enrolling in Corporate and Community Education Driver Education classes. In addition, the Driver Education Program is required to provide your SSN to the Department of Highway Safety and Motor Vehicles after completion of specific courses. For professional development and licensing classes, your SSN is used for State licensure reporting requirements. For adult education and workforce grant-funded programs, your SSN is used as an identifier for program enrollment and completion.

- Financial Aid Office - The Financial Aid Office at SFSC requires that you submit your SSN on various forms to correctly identify you, match your financial aid record with your student record, and to help coordinate State and federal aid programs. The Financial Aid Office collects SSNs as mandated by the following: 20 U.S. Code, Section 1078; 20 Education Service Center Sections 1090, 1091 and 1092; Section 483 of the Higher Education Act of 1965 (Collection of SSNs of Students and Parents); and 34 Code of Federal Regulations (C.F.R.), Section 668.16 (Administrative Use), Section 668.33 (Verify Residency), and Section 668.36 (Verify with FAFSA®).
The College’s FERPA requires the College to establish a policy with regard to educational information, an opportunity to seek and have your records amended, and some control over the disclosure of educational information.

Institutional Effectiveness Office - The College’s Institutional Effectiveness Office uses your SSN for data collection and required State and federal reporting.

Student Support Services/TRIO - The Student Support Services (SSS/TRIO) program collects SSNs to track students for outcome data and to perform required annual federal reporting.

SFSC Foundation - The SFSC Foundation collects your SSN for the following purposes: as a unique numeric identifier and for reporting scholarship recipients to the Florida Department of Education and the Florida Community College Foundation. Your SSN is also required by certain scholarship donors in accordance with their trust or scholarship agreements.

STUDENT RECORDS AND PRIVACY GUIDELINES - The Office of the Registrar maintains permanent educational records for all students who ever enrolled at SFSC. Your educational record may contain an application for admission, high school and/or college transcripts, the SFSC academic record or transcript, authorized changes to the record, and other documentation appropriate to your enrollment at the College.

FAMILY EDUCATIONAL RIGHTS AND PRIVACY ACT (FERPA) - is a federal law that applies to educational agencies and institutions that receive funding under a program administered by the Department of Education. The statute is found at 20 U.S.C. Part 99. Under FERPA regulations, colleges must generally grant you, if you are attending a postsecondary institution, access to your educational information, an opportunity to seek and have your records amended, and some control over the disclosure of information from the records.

FERPA requires the College to protect the privacy of your record information with regard to access to your college records, the release of such records, and the opportunity to challenge records should they be inaccurate, misleading, or inappropriate. No information, other than the data determined to be “directory information” can be provided to a custodial parent, non-custodial parent, or other third party without your permission unless very specific criteria have been met.

FERPA requires the College to establish a policy with regard to the data items that can be released to third parties upon request and to establish the procedures for the release of such information. You have the option of making your “file” and “data” confidential. If you choose to have your data marked as confidential, you are identified in the student information system and your information is excluded from the College’s directory information.

DISCLOSURE OF EDUCATIONAL RECORDS

The College must:

1. have your written consent prior to the disclosure of education records; and
2. ensure that the consent is signed, dated, and states the purpose of the disclosure.

Schools are generally prohibited from disclosing personally identifiable information about a student without written consent. Exceptions to this rule include:

1. disclosures made to school officials with legitimate educational interests;
2. disclosures made to another school at which the student intends to enroll;
3. appropriate parties in connection with financial aid to a student;
4. organizations conducting certain studies for or on behalf of the school;
5. accrediting organizations;
6. to comply with a judicial order or lawfully issued subpoena;
7. appropriate officials in cases of health and safety emergencies;
8. disclosures made to State or local education authorities for auditing or evaluating federal- or State-supported education programs, or enforcing federal laws that relate to those programs; and
9. disclosures including information the school has designated as “directory information.”

When a student turns 18 years old or enters a postsecondary institution at any age, all rights afforded to you, as a parent under FERPA, transfer to the student (“eligible student”). However, FERPA provides ways in which a school may, but is not required to, share information from an eligible student’s education records with parents, without the student’s consent. For example:

- Schools may disclose education records to parents if the student is claimed as a dependent for tax purposes.
- Schools may disclose education records to parents if a health or safety emergency involves their son or daughter.
- Schools may inform parents if the student, if he or she is under age 21, has violated any law or policy concerning the use or possession of alcohol or a controlled substance.
• A school official may generally share with a parent information that is based on that official’s personal knowledge or observation of the student.

Students may choose to have your records provided to a parent, or other third party, on a one-time or one-year basis by completing the student Release of Academic Information form.

Health or Safety Emergency Records - The College is allowed to disclose without your consent education records, including personally identifiable information from those records, to protect your health and safety and that of other individuals. At such times, records and information may be released to appropriate parties such as law enforcement officials, public health officials, and trained medical personnel. This exception to FERPA’s general consent rule is limited to the period of the emergency, and generally does not allow for a blanket release of personally identifiable information.

Disciplinary Records - While your disciplinary records are protected as education records under FERPA, there are certain circumstances in which disciplinary records may be disclosed without your consent. The College may disclose to an alleged victim of any crime of violence or non-forcible sex offense the final results of a disciplinary proceeding conducted by the College against the alleged perpetrator of that crime. The College may disclose to anyone the final results of a disciplinary hearing, if it determines that you are an alleged perpetrator of violence or non-forcible sex offender with respect to the allegation made against you, you have committed a violation of the College’s rules or policies.

Law Enforcement Units and Records - For enhanced security, a Highlands County Sheriff College Resource Deputy has been assigned to the Highlands Campus (service hours vary). Investigative reports and other documents created and maintained by law enforcement are not considered to be educational records subject to FERPA. Accordingly, institutions may disclose publicly obtained information from law enforcement records to anyone, including outside law enforcement authorities.

Directory Information - Directory information may be released to the public without your consent following specific request procedures. Directory information will not be released if you requested in writing to keep your information confidential.

At any time you may complete a form in the Admissions, Registration, and Records Office to mark your records as confidential.

The SFSC directory information includes:
• your name;
• date of attendance;
• academic program;
• honors received (president’s and vice president’s lists, cum laude, etc.);
• degree received and date conferred;
• lists of prospective graduates/graduates;
• participation in officially recognized activities and sports;
• weight and height of athletic team members; and
• identification card, digitized photographs.

SFSC reserves the right to provide additional information, such as street address and phone number, where there is a signed articulation agreement with another postsecondary institution for purposes of recruitment, and in cases that are superseded by the Solomon Amendment giving military recruiters access to your recruiting information.

Any other information is considered to be personally identifiable information and cannot be released to a third party, including parents, without your written consent.

Directory Requests - The procedure to request SFSC directory information is indicated below. Directory information requests are not recorded in your individual records.

1. The request must be made in writing on the letterhead of the company, agency, or school requesting the information.
2. If the request is being made by an individual, the request needs to indicate the name, address, and phone number of the requestor and the reason for the request.
3. Requests for the entire student directory, requests from any military sources under the Solomon Amendment, or requests for a “class” of students, such as all students in any one major, should be directed to the Office of the Registrar.

Student Access to Educational Records - The College is required by FERPA to:

1. provide you with an opportunity to inspect and review your education records within 45 days of receipt of the request;
2. provide you with copies of education records or otherwise make records available to you if you, for instance, live outside of commuting distance of the College; and
3. redact the names and other personally identifiable information about other students that may be included in your education records.

Amendment of Educational Records - Under FERPA, the College must:

1. consider your request to amend inaccurate or misleading information in your education records;
2. offer you a hearing on the matter, if it decides not to amend the records in accordance with the request; and

3. offer you a right to place a statement to be kept and disclosed with the record, if as a result of the hearing, the College decides not to amend the record.

The College is not required to consider requests for amendment under FERPA that:

1. seek to change a grade or disciplinary record; and

2. seek to change the opinions or reflections of a college official or other person reflected in an education record.

You have the right to file a complaint with the U.S. Department of Education concerning alleged failures by the College to comply with the requirements of FERPA. The name and address of the office that administers FERPA is:

Family Policy Compliance Office
U.S. Department of Education
400 Maryland Avenue, SW
Washington, DC 20202-5901

Questions about the administration of FERPA at SFSC and the release or amendment of any of your records, should be addressed to the registrar.

Student Requests

• **Change in Records** - A written request to change your record. Typical changes include name, address, phone number, social security number, and program code (major). Most changes require you to present appropriate documentation.

• **Enrollment Verification** - An official college statement indicating term of enrollment and your status (e.g., full-time or part-time).

• **Transfer Credit Evaluation** - A statement of all coursework and grades accepted from another postsecondary institution. Transcript evaluation summary is available through Panther Central.

• **Non-Release of Directory Information** - A request submitted for non-release of directory information by completing a form in the SFSC Office of the Registrar. This non-release request will remain in effect until you request a removal of the non-release hold.

• **Official Transcripts** - Transcripts are processed through the National Student Clearinghouse's website [student-clearinghouse.org](http://student-clearinghouse.org). Once you are on the National Student Clearinghouse homepage, you need to select the Students tab from the main page and then select "order or Track a Transcript" and follow the instructions provided by National Student Clearinghouse. All you need to know is your name and Social Security Number (SSN).
STUDENT INFORMATION

SFSC Campus Store (Highlands Campus)
Food Services
Panther Athletics
Student Activities
Student Concerns
Student Conduct and Discipline
Student Rights and Code of Conduct
Equal Access/Equal Opportunity (EA/EO)
Smoking and Use of Tobacco Products
Initiating Changes at the College
Student’s Right to Know Information
Graduation Ceremony Procedures
**Student Information**

**SFSC CAMPUS STORE (Highlands Campus)** - The SFSC Campus Store is located on the first floor in Building B. The store carries all required textbooks and supplies. Textbooks may be purchased at each SFSC campus/center at the beginning of each term. Textbooks can also be purchased on the store’s website. When purchasing textbooks and other class materials, be sure that you have the right textbook for your class prior to breaking any shrink wrap or packaging materials, as opened packages cannot be returned. Campus Store hours are Monday and Tuesday, 8 a.m. to 5 p.m., Wednesday and Thursday, 9 a.m. to 6 p.m., and Friday, 8 a.m. to 1 p.m. During the summer term hours are Monday through Thursday, 8 a.m. to 5 p.m.

Textbooks may be returned only if the cash register receipt is available, the textbooks are undamaged, and the return is within the Drop with Refund Period (See SFSC Campus Store Policy). The Campus Store purchases used textbooks if the books are in reasonable condition and the College has an immediate need for them. The SFSC Campus Store is now serving Starbucks® coffee. For more information, call the SFSC Campus Store at 863-784-7112 or visit [ShopSFSC.com](http://ShopSFSC.com).

**FOOD SERVICES** - The Highlands Campus houses Kelly’s cafeteria and vending machines in the Joseph E. Johnston Memorial Student Center. Kelly’s is open for lunch 10 a.m. to 2 p.m. daily. Hours vary in the summer and are posted in the cafeteria. The DeSoto and Hardee campuses, as well as the Lake Placid Center, have vending machines, microwave ovens, and student lounge spaces for breaks and meals.

**PANTHER ATHLETICS** - SFSC offers intercollegiate athletic programs in women’s softball, women’s volleyball, women’s cross country, and men’s baseball. SFSC is an National Junior College Athletic Association (NJCAA) affiliate participating as a Division I college in the Suncoast Conference of Florida. Athletic scholarships are offered in each of the College’s four sports.

The home facilities for Panther Athletics are Panther Gym (volleyball) and Panther Athletic Complex (baseball/softball/cross country). More information regarding Panther Athletics can be found on our SFSC website under “Athletics.”

**STUDENT ACTIVITIES** - You may participate in a variety of College clubs and organizations, cultural events, games, intercollegiate athletics, and other programs. Many of these activities are supported by student activity fees. You are encouraged to participate in the College’s decision-making processes through active involvement in the Student Government Association (SGA) and various College-wide committees such as the Student Judicial Committee, Curriculum Committee, and program advisory committees. Committee descriptions and procedures for participation and service are available from the SGA advisor and the dean, student services. Students are also encouraged to use the Panther Activity Center (PAC), the GamePad, and the SFSC Fitness Center. Additional information about various activities can be found in the Student Handbook or from the SGA Office, or at any campus or center.

**STUDENT CONCERNS** - If you have instructional or non-instructional concerns, you are encouraged to discuss informally your concerns with the dean, student services as a beginning step but may file your concerns as follows:

If you have concerns that are classroom/instructional.

- You will first confer with the instructor of the class regarding all related details of the concern.
- If the conference does not resolve the concern, you should make an appointment to discuss the problem with the instructional supervisor or program manager/director within five College working days after meeting with the instructor.
- If the meeting with the instructional supervisor or program manager/director still does not resolve the situation, you may submit a written appeal to the dean of the division within five College working days after meeting with the instructional supervisor or program manager.
- If the meeting with the division dean does not resolve the situation, you may submit a written appeal to the vice president for academic affairs and student services within five College working days after the conference with the division.
- The vice president for academic affairs and student services makes the final decision or resolution.

If you have concerns about College policies, procedures, personnel or other related matters that are non-classroom or non-instructional in nature.

- You will first confer with the appropriate department director/supervisor or division dean.
- If not satisfied with the results, you may submit a written appeal to the office of the dean, student services.

**STUDENT CONDUCT AND DISCIPLINE** - SFSC has the right and the duty to protect its educational activities, its students through the reasonable regulation of your conduct, and the use of the institution’s facilities. The dean, student services or designee is responsible for consideration and action on all disciplinary problems. All decisions will be based on College policy. See Student Handbook for additional information.

**STUDENT RIGHTS AND CODE OF CONDUCT** - Your student rights are ensured by the 34 Code of Federal Regulations (C.F.R.), Part 99; the Family Educational Rights and Privacy Act (FERPA); and Section 1002.22, Florida Statutes (F.S.).

I. Primary Rights

A. Right to inspect and review your education records.
B. Right to seek to amend your education records.
C. Right to have some control over the disclosure of information from your education records.

II. Definitions

A. "Student" means any person who is attending or who has attended SFSC.

B. Student education records are any record (in handwriting, print, film or other medium) maintained by SFSC or an agent of the College which is directly related to a student, except:

1. Sole possession records are those maintained by an administrator, member of the District Board of Trustees, faculty or staff provided only the maker of the record has access to them.

2. Records created and maintained by the SFSC Law Enforcement unit for a law enforcement purpose.

3. Employment records provided employment is not contingent upon enrollment and provided the record is used only in relation to the individual’s employment.

4. Medical records made and maintained in connection with treatment and disclosed only to individuals providing treatment.

5. Alumni records that only contain information about an individual after he or she is no longer a student.

C. Personally identifiable information includes, but is not limited to:

1. Your name.

2. Name of your parents or other family members.

3. Your address or your family’s address.

4. A personal identifier, such as your social security number or generated identification number.

5. A list of personal characteristics, a photograph, or other information that would make your identity easily traceable.

III. Annual Notification Requirement

You are notified of your FERPA rights through the SFSC Catalog and Student Handbook which are posted on the College’s website.

IV. Procedure to Inspect Education Records

A. You must submit a written request to inspect and review your education records to the SFSC registrar. The request shall identify as precisely as possible the record or records you wish to inspect.

B. Inspection and review of education records shall take place in the Student Services building on the Highlands Campus or other center/campus locations. If you cannot come to one of these locations, you may request that copies be made and mailed. There are no fees for copying and mailing of documents.

C. The registrar shall make arrangements for access as promptly as possible and notify you of the time and place where the records may be inspected. Access must be given in 30 days or less from the receipt of the request. Proper identification such as a valid driver’s license must be presented before inspection is allowed. The request for access or release shall be retained in your file.

V. Refusal to Provide Copies

While SFSC cannot deny you access to your education records, it may deny you a copy of such records if:

A. You have an unpaid financial obligation to the College.

B. An unresolved disciplinary action against you is pending.

VI. Disclosure of Education Records

SFSC will disclose personally identifiable information from your education records ONLY with your written consent.

Exception - SFSC may disclose educational records to school officials who have a legitimate educational interest in the records. School officials are defined as:

A. A person employed by the College in an administrative, supervisory, academic, or support staff position or a work study student in the office where the education record is maintained.

B. A person appointed to the SFSC District Board of Trustees.

C. A person employed by or under contract to the College to perform a specific task, such as the college attorney, auditor, or consultant.

D. A student serving as a student representative on a College committee.

Each of these school officials will be properly informed of his or her responsibility to protect your rights and confidentiality of your education records before access is given. A school official has a legitimate educational interest, if the official is:

A. Performing a task specified in his/her position description or contract.

B. Performing a task related to your education.

C. Performing a task related to your discipline.

D. Providing a service or benefit relating to you or your family, such as health care, counseling, job placement, or financial aid.

Exception - SFSC may disclose educational records to the following:

A. Upon request to officials of another school in which you seek or intend to enroll.

B. To certain officials of the U.S. Department of Education, the Comptroller General, and State and
local educational authorities, in connection with certain State or federally supported education programs.

C. In connection with your request for, or receipt of, financial aid as necessary to determine the eligibility, amount, or conditions of the financial aid, or to enforce the terms and conditions of the aid.

D. If required by a State law requiring disclosure adopted before November 19, 1994.

E. To organizations conducting certain studies for or on behalf of the College.

F. To accrediting organizations to carry out their functions.

G. To comply with a judicial order or a lawfully issued subpoena. SFSC shall make a reasonable attempt to notify you before responding to a judicial order or lawfully issued subpoena.

H. To appropriate parties in a health or safety emergency.

I. For directory information as identified by SFSC. (See Directory Information).

J. To an alleged victim of a crime of violence the results of the disciplinary proceeding conducted by the College against the alleged perpetrator.

VII. Record of Requests for Disclosure

SFSC maintains a record of all requests for and/or disclosure of information from your education records except for requests from a school official, a party seeking directory information, or your parents, if you are under 18 years of age. This record will indicate the name of the party making the request, any additional party to whom it may be redisclosed, and the legitimate interest the party had in requesting or obtaining the information. This record becomes a part of your education record.

VIII. Directory Information

SFSC may release information classified as directory information without your written permission. The following information has been classified as directory information:

- name;
- dates of attendance;
- academic program;
- honors received (president’s and vice president’s list, cum laude, etc.);
- degree received and date conferred;
- lists of prospective graduates;
- participation in officially recognized activities and sports;
- weight and height of athletic team members; and
- identification card, digitized photographs.

The College may disclose any of these items without prior written consent, unless you have requested non-release of directory information.

IX. Non-release of Directory Information

You may request non-release of directory information at time of registration each term. You may also make this request during the term in the Office of the Registrar or at one of the other SFSC locations. Once requested, non-release shall be maintained until you request that it be removed.

X. Limited Access Records

Limited Access Records include all information not specifically identified as directory information. This encompasses records of admission, enrollment, personal counseling, disciplinary action, finance, financial aid, health, placement, and testing.

The registrar is authorized to release limited access records under the conditions outlined below:

A. Student Request

1. You may authorize release of limited access information by signing a written request (personal letter or request form generated either by SFSC or any other organization).

2. A copy of the request will be retained by the Custodian of the Record.

B. Request of Parents/Guardians of Students Under 18

- The parent/guardian presents to the custodian/designee proper identification and proof that you are under 18 and were claimed as a dependent student on the most recently filed IRS tax return.

C. Request of SFSC Faculty/Administrative Staff

- Information is released on a “need-to-know” basis.

D. Court Subpoena

1. Information will be released upon receipt of a subpoena by a court of competent jurisdiction with signed authorization by the student.

2. If no signed authorization, prior to release of the information, the custodian will notify you by certified letter of the information requested by the court. (NOTE: The College is not required to give you prior notice when responding to a federal Grand Jury subpoena or other law enforcement subpoena that requires that you not be informed of the existence of the subpoena.)

E. State of Florida Public College/University

- Limited access records will be released to another public college or university in the State of Florida through written or electronic request.

F. Emergency

- Information may be released to proper authorities when needed to protect the life, health, or safety of you or other persons.

XI. Amendment of Educational Records

You have the right to request to have an education record corrected that you believe is inaccurate, misleading,
XII. Right to File a Complaint

If you feel that your right to privacy under FERPA has been violated, you may file a complaint with the U.S. Department of Education. The complaint must be filed within 180 days of the date of the alleged violation or of the date that you knew or reasonably should have known of it. To file a complaint, contact:

Family Policy Compliance Office
U.S. Department of Education
400 Maryland Avenue, SW
Washington, DC 20202-4605
202-260-3877

XIII. Code of Conduct

When you are admitted to SFSC, you are subject to the jurisdiction of the College during your enrollment. As a member of the College community, you are expected to act responsibly in all areas of personal and social conduct. You are responsible for the observance of all SFSC District Board of Trustees' policies and procedures as published in the College Catalog, the Student Handbook, and other College information bulletins. Violation of any of these rules may lead to disciplinary action in accordance with prescribed procedures for the handling of disciplinary cases and may range from reprimand to expulsion from the College.

The disciplinary function at SFSC is an integral part of the educational mission of the College. Discipline is seen as a tool for guiding and teaching rather than punishment. Unacceptable behavior often symptomatic of attitudes, misconceptions, and emotional crises; the treatment of these symptoms through education and rehabilitative activities is an essential element of the disciplinary process. Severe disciplinary action against a student, such as suspension or expulsion, is considered and invoked only when other remedies fail. Even in the case of irrevocable expulsion for misconduct, the process will not be considered punitive in the criminal sense but rather the determination that the student is unqualified to continue as a member of the College community.

XIV. Freedom of Inquiry and Expression

Students and student organizations are free to examine and to discuss all questions of interest to them and to express opinions publicly and privately. You are free to support causes by orderly, peaceable, and acceptable means which do not disrupt the regular and essential operations of the College.

When anyone wishes to invite a speaker to the SFSC campus, certain rules must be met by the inviting person or persons. Any speaker, entertainer, consultant, or other person(s) not employed by the College or enrolled in the College, invited or uninvited to the campus for the purpose of addressing, entertaining, consulting, or otherwise contacting any group of students, faculty, or other employees of the College, must provide information to the Office of Community Relations and Marketing at 863-784-7379 in advance of the visit. If the person or persons desire to come on campus uninvited, then it will be the responsibility of the person or persons to notify the Office of Community Relations and Marketing in advance of the visit if a gathering of 100 or more is anticipated.

The institutional control of the campus facilities will not be used as an instrument of censorship. It is the responsibility of the persons who invite outside speakers to make it clear to the College and outside community that all views expressed are not those of the students, faculty, or employees of SFSC.
XV. Protection of Freedom of Expression
You are free to take reasoned exception to the data or views offered in any course of study and to reserve judgment about matters of opinion; however, you are responsible for learning the content of any course of study in which you are enrolled.

XVI. Protection Against Improper Disclosure
Information about student views, beliefs, and political associations which instructors, counselors, and advisors acquire in the course of your work is considered confidential.

EQUAL ACCESS/EQUAL OPPORTUNITY (EA/O) - SFSC pledges to provide equal access to education and employment opportunity to all regardless of race, color, religion, gender, national origin, age, disability, marital status, political affiliation, sexual orientation, pregnancy, or genetic information. The College adheres to federal and State laws that control equal access/equal opportunity. This pledge covers all aspects of the educational and employment relationship with our students and employees. Concerns regarding this pledge are to be addressed to the EA/O student coordinator at 863-784-7107.

SMOKING AND USE OF TOBACCO PRODUCTS - Smoking and use of smokeless tobacco (or any device intended to simulate the use of tobacco products) is prohibited in all indoor and exterior areas of each campus, center, and other property under the control of the College.

INITIATING CHANGES AT THE COLLEGE - If you have an idea or want to make a request for improvement in the regulations and conditions governing student life at SFSC, you should make your desires known to the Student Government Association (SGA). The SGA will evaluate the proposal, through the SGA coordinator and designated representatives, and make suggestions and recommendations to an appropriate member of the College staff for consideration and action.

If this process does not result in a mutually acceptable outcome, you may request that the proposal be reviewed in the following order:
1. The Learning and Student Success Committee;
2. The vice president for academic affairs and student services;
3. The president of the College; and
4. The SFSC District Board of Trustees.

At any step in this process, you may request a recommendation from the dean, student services of the College.

STUDENT’S RIGHT TO KNOW INFORMATION - To provide you with information related to attending SFSC, the following reports, policies, and general information are available to you upon request from the Office of the Dean of Student Services, Cornelius Complex Room B274, Avon Park. In addition, much of this information is directly accessible on the SFSC website at southflorida.edu. Student Privacy Information: The Family Educational Rights and Privacy Act (FERPA) provides certain privacy rights to you related to education records. This information can also be found in this College Catalog. College Graduation and Placement Rates: This information concerns the completion/graduation and placement rates of all full-time students entering college. A table of graduation rates is also available from the Office of Enrollment Management or the Office of Institutional Research. Campus Crime Report and Safety Policies: Crime statistics are reported annually. Safety information is available in the SFSC Student Handbook or addendum. Information regarding sexual predators or offenders attending or employed by an institution of higher learning may be obtained from the local law enforcement agency, the FDLE hotline 888-FL-PREDATOR or 888-357-7332, or the FDLE website at fdle.state.fl.us sexual predators. Drug-Free Campus: This information is provided at the time of admission or employment at SFSC. See current Student Handbook for greater detail. Financial Assistance Information: This information can be found in this College Catalog or is available from the Financial Aid Office, Cornelius Complex, Room B173. Athletic Participation and Financial Support Report and Data: This information can be obtained from the athletic director, Building E, Avon Park. Voter Registration Information: Voter Registration forms are available from the Admissions, Registration, and Records Office in Avon Park, any SFSC Center, or from your county Supervisor of Elections Office. SFSC encourages all students who are 18 years of age and U.S. citizens to register to vote.

GRADUATION CEREMONY PROCEDURES - Two Commencement ceremonies are held (May and December) each year (see College Calendar for dates). If you have completed graduation requirements, you are invited to participate. However, if you have applied for graduation, but have not completed all graduation requirements, you cannot be recognized for honors or high honors during the commencement ceremony.

If you plan to participate in the commencement ceremony, you must complete the following pregraduation procedures:
1. Complete an Application for Graduation from the College website, southflorida.edu.
2. Associate and Baccalaureate degree students must meet with a counselor, campus/center director, or instructional supervisor for a graduation requirement check to ensure eligibility to graduate. Career certificate and GED diploma students must be certified by the director, instructional supervisor, program manager, or coordinator.
3. If you are receiving or have received a federal loan, you must complete a required financial aid exit interview.
4. Complete a graduation satisfaction survey.
5. Pay the graduation fee.
GENERAL EDUCATION REQUIREMENTS

Baccalaureate and Associate Programs
General Education Outcomes
Associate in Arts (A.A.) Degree
  General Education Requirements
    Communication
    Humanities
    Social and Behavioral Sciences
    Science
    Mathematics
    Other General Education Requirement
    Electives

Writing and Computation Course Requirements
General Education Requirements

BACCALAUREATE AND ASSOCIATE PROGRAMS -
General Education Requirements apply to the baccalaureate and associate degree programs. Review the general education requirements for your specific program.

The general education program provides you with the basic knowledge and skills needed to transfer to upper level institutions. Although you may select certain courses within these areas, you must complete the minimum requirements for each area. To broaden your educational foundation, you are required to take courses in communication, humanities, social sciences, science, and mathematics. These courses constitute the general education requirements for the A.A. degree. For the A.S degree, review your specific program for the general education requirements.

The Florida Articulation Agreement between State-supported universities and State colleges assures that when you have been certified by this institution as having completed the Associate in Arts degree, no further lower division general education courses will be required. This, of course, does not preclude the possibility that you may occasionally need additional prerequisite courses in your major area of study.

You are required to meet with an academic counselor/advisor upon initial enrollment at SFSC. To plan coursework appropriate to a certain major/program, investigate and discuss transfer requirements with the academic counselor/advisor as early as possible.

GENERAL EDUCATION OUTCOMES - SFSC emphasizes the development of general education skills for every student. The College’s general education mission is “developing students across the College who are well-informed, self-reliant, globally responsible citizens by providing diverse educational opportunities.” In each course offered at the College, you will be assessed on at least one of five student general education learning outcomes.

Your mastery of the general education outcomes is determined by the course instructor, using collegewide evaluative rubrics or instruments designed by your instructor that incorporate key elements from the rubric.

I. You will demonstrate the ability to communicate (read, write, speak, and listen) effectively.

A. You will be able to construct an essay that demonstrates excellent composition skills including a clear and thought-provoking thesis; appropriate and effective organization; lively and convincing supporting materials; effective sentence skills; and perfect or near perfect mechanics including spelling and punctuation. (Collegewide Rubric - Writing)

B. You will be able to present a speech that is appropriate for the purpose, occasion, and audience; contains a clear and identifiable organizational structure and format; uses language that is clear, vivid, and appropriate; and incorporates effective nonverbal behaviors including eye contact, gestures, facial expressions, and posture. (Collegewide Rubric - Speech)

II. You will demonstrate the ability to reflect, analyze, synthesize, and apply knowledge.

A. You will be able to exhibit accurate and full explanations of deductive and inductive reasoning processes; discern differences and similarities among theories; view information from multiple perspectives; formulate questions; recognize sound and unsound arguments; distinguish facts from inferences and opinions; and demonstrate the ability to transfer thinking from the classroom to the real world. (Collegewide Rubric - Critical Thinking)

B. You will be able to explain a scientific idea by providing accurate facts; gather and critically evaluate data using the scientific method; analyze and apply scientific data, concepts, and models; evaluate and test a scientific hypothesis; and apply appropriate natural science concepts and theories to contemporary issues. (Collegewide Rubric - Science)

III. You will demonstrate knowledge and application of mathematical and scientific principles and methods.

A. You will be able to identify relevant numerical information in mathematical or other concepts; apply mathematical and/or basic statistical reasoning to analyze data and graphs; represent and evaluate basic mathematical information verbally, numerically, graphically, and symbolically; propose and evaluate solutions; and apply mathematical concepts to the solution of real-life problems. (Collegewide Rubric - Mathematics)

B. You will recognize the need for information; identify potential sources with or without technology; understand that accurate and complete information is the basis for intelligent decision making; and use information ethically and legally. (Collegewide Rubric - Information)

IV. You will demonstrate the ability to find, evaluate, organize, and use information.

A. You will be able to locate and collect sufficient and accurate information necessary to solve a problem or support an argument; organize information; demonstrate an understanding of sources and types of information; and analyze information and sources critically to determine its quality and utility. (Collegewide Rubric - Information)

B. You will recognize the need for information; identify potential sources with or without technology; understand that accurate and complete information is the basis for intelligent decision making; and use information ethically and legally. (Collegewide Rubric - Information)

V. You will be prepared to participate actively as an informed and responsible citizen in social, cultural, global, and environmental matters.

A. You will be able to describe the cultural forces affecting the traditions of visual and auditory arts, as well as social and
historical events in western and non-western societies; and explain how international cultures, societies, political economics, and the environment relate to complex, modern world systems. (Collegewide Rubric - Global)

B. You will be able to demonstrate a mature perspective of cultural diversity; explain the complexity of your own cultural identity; and appreciate your role as a member of the global community. (Collegewide Rubric - Global)

Associate in Arts (A.A.) Degree

GENERAL EDUCATION REQUIREMENTS - (36 credit hrs. required)

I. Communication (9 credit hrs.) - You must complete the following three (3) courses:

- ENC 1101 - Freshman English I or Honors Freshman English I*
- ENC 1102 - Freshman English II or Honors Freshman English II*
- SPC 2608 - Fundamentals of Speech Communication or Honors Fundamentals of Speech Communication

*Denotes writing course requirements. These courses require demonstration of college-level writing skills through multiple writing assignments. A minimum grade of C is required for courses used to fulfill the writing course requirements.

II. Humanities (6 credit hrs.) - You must complete one course from the core and one additional course from either the core or elective list.

Core Humanities Courses
- ARH 2000 - Art Appreciation
- HUM 2020 - Introduction to Humanities or Honors Introduction to Humanities
- LIT 2000 - Introduction to Literature
- MUL 2010 - Music Appreciation
- PHI 2010 - Introduction to Philosophy or Honors Introduction to Philosophy
- THE 2000 - Theatre Appreciation

Elective Humanities Courses
- AML 2010 - American Literature I or Honors American Literature I
- AML 2020 - American Literature II or Honors American Literature II
- ARH 2050 - Art History I
- ARH 2051 - Art History II
- ENL 2012 - British Literature I or Honors British Literature I
- ENL 2022 - British Literature II or Honors British Literature II

- HUM 2210 - Humanities Survey I or Honors Humanities Survey I
- HUM 2230 - Humanities Survey II or Honors Humanities Survey II
- IDH 2001-06 - Honors Seminar I-VI
- LIT 2110 - World Literature I or Honors World Literature I
- LIT 2120 - World Literature II or Honors World Literature II
- REL 2300 - Comparative Religion

NOTE: All humanities courses require demonstration of college-level writing skills through multiple writing assignments. A minimum grade of C is required for courses used to fulfill the writing course requirements.

*Consult a counselor or honors program director before choosing elective Humanities course.

III. Social and Behavioral Sciences (6 credit hrs.) - You must complete one of the following:

- AMH 1020 - Introductory Survey Since 1877
- POS 1041 - American Government or Honors American Government

AND

one additional course from either the core or elective list:

Core Social and Behavioral Science Courses
- ECO 2013 - Macroeconomics or Honors Macroeconomics
- PSY 2012 - Introduction to Psychology
- SYG 2000 - General Sociology or Honors General Sociology

Elective Social and Behavioral Science Courses
- AMH 1010 - Introductory Survey to 1877
- AMH 2091 - Survey of African-American History
- CPO 2001 - Comparative Politics or Honors Comparative Politics
- DEP 1004 - Human Development
- ECO 1000 - Survey of Economics
- ECO 2023 - Microeconomics
- EUH 1000 - Western Civilization I
- INR 2002 - International Relations
- WOH 2040 - World History in the 20th Century

IV. Science (7-8 credit hrs.) - You must complete one course from the core and one additional course from either the core or elective list (one course must be a laboratory science course):

Core Science Courses
- Laboratory Sciences (5 credit hrs.)
  - PHY 2048C/L - General Physics w/Calculus I or Honors General Physics w/Calculus I
  - Laboratory Sciences (4 credit hrs.)
  - BSC 1010C/L - General Biology I or Honors General Biology I
BSC 1085C/L - Human Anatomy and Physiology I
CHM 2045C/L - General Chemistry I
PHY 2053C/L - General Physics I or Honors General Physics I

Non-Laboratory Sciences (3 credit hrs.)
AST 1002 - Descriptive Astronomy
BSC 1005 - Introducing Biology
CHM 1020 - Introducing General Chemistry
EVR 2001 - Introduction to Environmental Science

Laboratory Sciences (1 credit hr.) - these are optional corequisite labs for those needing a core lab science
AST 1002L - Descriptive Astronomy Lab
CHM 1020L - Introducing General Chemistry Lab

Elective Science Courses

Laboratory Sciences (5 credit hrs.)
CHM 2210C/L - Organic Chemistry I or Honors Organic Chemistry I
CHM 2211C/L - Organic Chemistry II or Honors Organic Chemistry II
PHY 2049C/L - General Physics w/Calculus II or Honors General Physics w/Calculus II

Laboratory Sciences (4 credit hrs.)
BOT 1010C/L - Botany
BSC 1009C/L - Introduction to Biology
BSC 1011C/L - General Biology II or Honors General Biology II
BSC 1086C/L - Human Anatomy and Physiology II
BSC 1420C/L - Introduction to Biotechnology
CHM 2046C/L - General Chemistry II
MCB 2010C/L - Microbiology
PHY 2054C/L - General Physics II or Honors General Physics II

Non-Laboratory Sciences (3 credit hrs.)
PCB 2033 - Introduction to Ecology: Environment
PSC 1121 - Physical Science

V. Mathematics (6 - 8 credit hrs.) - You must complete one course from the core and one additional course from either the core or elective list. MAC 2311 and MAC 2233 may not be used together to meet this requirement:

Core Mathematics Courses
(4 credit hrs. each)
MAC 2311 - Calculus I w/Analytic Geometry or Honors Calculus I w/Analytic Geometry

(3 credit hrs. each)
MAC 1105 - College Algebra
MGF 1106 - Liberal Arts Mathematics I
MGF 1107 - Liberal Arts Mathematics II
STA 2023 - Elementary Statistics or Honors Elementary Statistics

Elective Mathematics Courses
(5 credit hrs. each)
MAC 1147 - Precalculus Algebra/Trigonometry

(4 credit hrs. each)
MAC 2312 - Calculus II
MAC 2313 - Calculus III

(3 credit hrs. each)
MAC 1114 - Plane Trigonometry
MAC 1140 - Precalculus Algebra
MAC 2233 - Calculus for Business and Social Sciences
MAP 2302 - Differential Equations

NOTE: A minimum grade of C is required for the course used to fulfill the six hours of mathematics required as computation intensive course.

VI. Other General Education Requirement - You must complete the following requirement:

CGS 1100C - Introduction to Microcomputers using Windows

If you are exempt from CGS 1100C, consult with a counselor/advisor in completing your 36 hours of General Education requirements.

VII. Electives (21-24 credit hrs.) - You should consult with SFSC's advising/counseling staff or a campus/center director to select the proper courses to meet this section of the Associate in Arts degree requirements.

Elective courses assist you in specializing in an academic major field of study. You must take a minimum of 21 credit hours of electives. Elective courses should be selected on the basis of your intended major. If you are uncertain about your major area of study, you should consult a counselor or advisor before choosing elective courses.

Writing and Computation Course Requirements

The Florida Board of Education requires the achievement of college-level communication and computation skills through completion of coursework in English and mathematics with a grade of C or higher. Before receiving an Associate in Arts degree from a public college or university in Florida, or prior to entry into the upper division of a public university or college in Florida, you must complete the following writing and computation course requirements:

COMMUNICATION/HUMANITIES - You must take four writing intensive courses in order to meet the writing and computation course requirements. A minimum of 6 credit hours of English coursework and 6 credit hours of additional humanities coursework must be completed. You are required to demonstrate college-level English skills through multiple assignments and earn a grade of C or higher in each course.

MATHMATICS - You must complete at least six hours of mathematics courses with a grade of C or higher. However, MAC 2311 and MAC 2233 may not be used together to meet this requirement.
COLLEGE TRANSFER DEGREE PROGRAMS

ASSOCIATE IN ARTS (A.A.) DEGREE PROGRAM
Program Requirements
Core Degree Requirements

THE HONORS PROGRAM

A.A. DEGREE GRADUATION PROCEDURES

ASSOCIATE IN SCIENCE (A.S.) DEGREE PROGRAMS
Program Requirements
General Education Requirements
Core Degree Requirements
Program Offerings by Location
Program Guides
- Accounting Technology
- Biomedical Equipment Technician
- Business Administration
- Computer Engineering Technology
- Computer Programming and Analysis
- Criminal Justice Technology
- Dental Hygiene
- Emergency Medical Services
- Engineering Technology
- Fire Science Technology
- Health Services Management
- Industrial Management Technology
- Landscape and Horticulture Technology
- Network Systems Technology
- Nursing (Generic - RN)
- Nursing (Transition - LPN to RN)
- Office Administration
- Radiography
Associate in Arts (A.A.) Degree Program

SFSC is committed to a comprehensive university transfer program that provides opportunities for intellectual, cultural, and social growth along with specialized learning.

SFSC awards the A.A. degree upon completion of a prescribed program designed as the first two years of a Baccalaureate program within the Florida public college and university systems. According to the Florida Articulation Agreement, earning an A.A. degree indicates that you have met the general education requirements for admission to the upper division of Florida’s public college and universities and will be admitted with full junior standing, provided you have met the State competency requirements, paid all fees, and met academic standards. You should investigate transfer requirements of the upper division college you plan to attend as early as possible to fit the appropriate courses into your program at SFSC. If you have completed specialized prerequisites, you are able to continue that specialty at the upper division institution. Should you not maintain continuous enrollment, you will be subject to all new rules and regulations adopted by SFSC since your last admission date.

PROGRAM REQUIREMENTS - The A.A. degree is awarded, if you meet the following program requirements:

1. Successfully complete a total of 60 or more college credit courses which includes 36 credit hours of general education requirements and 24 credit hours of electives (See General Education Requirements).

2. Demonstrate a foreign language competency with an Associate in Arts degree or as an entry requirement for a Baccalaureate degree. Competence may be accomplished with successful completion of one of the following:
   - two years of high school courses in a single foreign language;
   - two sequential college terms in a foreign language;
   - the second level foreign language college course; or
   - corresponding College Level Examination Program (CLEP) exams.

   American Sign Language satisfies the criteria of a foreign language for the purposes of this requirement.

3. Successfully complete the First-Year Experience (FYE) Seminar. You may be exempt from this requirement if you have earned 15 hours of college credit prior to being transferred or dual enrolled.

4. Complete a minimum of 25% of the credit hours required in the program at SFSC.

5. Achieve a minimum of 2.0 GPA in the SFSC credit hours completed that are applicable toward graduation as well as a minimum 2.0 cumulative average.

6. Successfully complete 12 college credit hours of courses in which you are required to demonstrate writing skills. (See reference to Rule 6A-010.30(2)(a), Florida Administrative Code (F.A.C.) in this College Catalog.) Additionally, complete 6 college credit hours of math coursework at the level of College Algebra or higher. Successful completion is defined as a grade of C or higher for each of the courses under this item.

7. Fulfill all financial obligations to the College.

8. Apply for graduation and paid the graduation fee.

CORE DEGREE REQUIREMENTS - All associate degrees at SFSC include a basic core of General Education courses from the areas of communication, mathematics, social sciences, humanities, natural sciences, and the First-Year Experience (FYE) Seminar. If you are graduating with an associate degree, you must demonstrate the following competencies:

1. Reading - achieve a college-level score on a college placement test or earn a passing grade of C or higher in a reading course.

2. Writing - earn a passing grade of C or higher in ENC 1101.


4. Fundamental mathematical skills - achieve a college-level score on the mathematics portion of a college placement test and pass the math courses included in your degree curriculum with a grade of C or higher.

5. Fundamentals of scientific principles - pass the science courses included in your degree curriculum.

6. Basic use of computers - earn a passing grade in a computer course at the College, have a grade of B or higher in an approved one unit computer course on a high school transcript, or pass a competency test administered by the Computer Science Department.

Four-year institutions may require you to have earned higher grades in courses for transfer into certain programs. Check with your advisor and/or the transfer institution to learn about prerequisite courses and grades.

If you have entered the ninth grade in a Florida public school in the 2003-04 school year, or any year thereafter, and earned a Florida standard high school diploma, or if you are currently serving as an active duty member of any branch of the U.S. Armed Services, you will not be required to take the common placement test and will not be required to enroll in developmental education courses at a Florida College System institution. However, you may opt to take a college placement test and/or take developmental education courses even if you are not required to do so.
The Honors Program
Associate in Arts with Honors

The Honors Program at SFSC is a two-year academic program leading to the A.A. with Honors Program endorsement. When you complete the Honors Program at SFSC, you will be better prepared for successful transfer to limited-access and selective programs at four-year colleges and universities.

To earn the Honors Program endorsement, you must take at least one quarter of your total credit hours in honors courses, developing independence, critical thought, and resilience. You will take a research-oriented interdisciplinary seminar and a leadership course, in addition to general education and pre-major courses.

Throughout, you will receive intensive, transfer-oriented advising and mentoring. You will do poster sessions and presentations at undergraduate conferences statewide, and engage in at least 25 hours of service-learning in the community. Activities in the Honors Ambassadors SGA club promote fellowship among students.

As an honors student in good standing, you will receive the Edward K. Roberts book scholarship of $250 in fall and spring terms. Honors students receive special recognition at the commencement ceremonies and wear special regalia.

Admission to the Honors Program is selective, so you must complete a special application to be considered. To apply, contact the honors counselor at 863-784-7131 for an appointment, or visit the Advising and Counseling Center on the Highlands Campus, Building B, Suite 152.

ADMISSIONS REQUIREMENTS:

1. Grade Point Average (GPA) - The student’s GPA must be at or above ONE of the following levels:
   a. High school cumulative GPA of 3.5 (unweighted); or
   b. Rank at top 10% of high school class; or
   c. College cumulative GPA of 3.3 in at least 12 hours of college credit courses.

   NOTE: If a student has taken 12 hours or more of college credit courses, the college cumulative GPA will be used for admissions purposes.

2. Test Scores - The applicant must have test scores at or above ONE of the following levels:
   a. SAT I® Reasoning Test: Combined score of 1100 or higher in mathematics and evidence-based reading and writing; or
   b. ACT: Composite score of 25 or higher; or
   c. PERT (Postsecondary Education Readiness Test): Reading: minimum score 120; Writing: minimum score 120; or
   d. Petition by letter to the Honors Council for exemption from the test score requirement, accompanied by two letters of recommendation from College instructors. This option requires a personal interview with the Honors Council.

ADMISSIONS FOR DUAL ENROLLMENT STUDENTS - All SFSC honors courses are open to dual enrollment students. If a dual enrollment student matriculates at SFSC after high school graduation, all Honors Program courses completed with a grade of B or higher will count toward the requirements for graduation from the Honors Program. The student’s high school guidance counselor should contact the honors counselor or director prior to enrolling the student in an Honors Program course.

GRADUATION REQUIREMENTS - The Honors Program graduate must:

1. Complete at least 15 honors credit hours, including:
   a. Three hours of IDH 2001-06, The Honors Seminar I-VI, with a grade of B or higher.
   b. One credit Phi Theta Kappa-designed leadership course, IDH 1107, “Honors The Competitive Edge,” with a grade of B or higher.

2. Achieve a cumulative GPA of 3.3 or higher.

3. Demonstrate the ability to make successful oral presentations.


5. Complete all additional requirements for the Associate in Arts degree.

The following honors courses are currently offered through the Division of Arts and Sciences:

I. English and Writing:
   AML 2010 Honors American Literature I
   AML 2020 Honors American Literature II
   CRW 2001 Honors Creative Writing
   ENC 1101 Honors Freshman English I
   ENC 1102 Honors Freshman English II
   ENL 2012 Honors British Literature I
   ENL 2022 Honors British Literature II
   LIT 2110 Honors World Literature I
   LIT 2120 Honors World Literature II

II. Social and Behavioral Sciences:
   CLP 2140 Honors Abnormal Psychology
   CPO 2001 Honors Comparative Politics
   ECO 2013 Honors Macroeconomics
   POS 1041 Honors American Government
   SPC 2410 Honors Parliamentary Procedure
III. Humanities and General Studies:
  - ART 2939 Honors Special Topics in Art
  - HUM 2020 Honors Introduction to Humanities
  - HUM 2210 Honors Humanities Survey I
  - HUM 2230 Honors Humanities Survey II
  - IDH 1107 Honors The Competitive Edge
  - IDH 1921 Honors Symposium I-VI
  - IDH 2001 Honors Seminar I-VI
  - IDH 2930 Honors Special Topics in Interdisciplinary
  - PHI 2010 Honors Introduction to Philosophy
  - SLS 1106 Honors First-Year Experience Seminar

IV. Mathematics and the Sciences:
  - BSC 1010C Honors General Biology I
  - BSC 1011C Honors General Biology II
  - CHM 2210C Honors Organic Chemistry I
  - CHM 2211C Honors Organic Chemistry II
  - CHM 2932 Honors Special Topics in Chemistry
  - MAC 2311 Honors Calculus I w/Analytic Geometry
  - PHY 2048C Honors General Physics w/Calculus I
  - PHY 2049C Honors General Physics w/Calculus II
  - PHY 2053C Honors General Physics I
  - PHY 2054C Honors General Physics II

For more information, consult the honors program director at 863-784-7362.

A.A. Degree Graduation Procedures

1. You should contact a counselor, advisor, campus/center director, or the registrar to discuss graduation requirements. Normally, you would graduate under the degree requirements of the catalog in which you started or the most recent catalog, but there may be instances when another catalog may be more appropriate. Otherwise, you will graduate under the catalog in effect at the time you were admitted into the program and maintained continuous enrollment. You may not combine requirements from more than one catalog.

2. The registrar is the official authority responsible for certifying that all graduation requirements have been met.

For graduation (commencement) ceremony procedures, see “Student Information” section of this College Catalog.
Associate in Science (A.S.) Degree Programs

A.S. degree programs prepare you for employment in a variety of specialized technical fields. These specialized training programs can help accelerate your professional growth and keep pace with the changes in your selected field. Each program stresses practical application. Classes are conducted in sophisticated, modern labs and technical facilities. A.S. degree programs offer you an opportunity to learn tomorrow’s technology today.

The A.S. degree provides transferability into a Baccalaureate program of study at SFSC or at one or more of the State colleges and universities or independent colleges in Florida. The A.S. degree requires a minimum of 60 credit hours, with approximately 18 credit hours of General Education courses. The A.S. degree gives the flexibility of entering the job market while continuing your education. Discuss your options with a counselor or advisor today.

NOTE: A.S. degree courses are followed by General Education courses required for that degree.

PROGRAM REQUIREMENTS - The A.S. degree is awarded, if you meet the following program requirements:

1. Successfully complete the First-Year Experience (FYE) Seminar. You may be exempt from this requirement if you have earned 15 hours of college credit prior to being transferred or dual enrolled.
2. Complete the minimum number of hours and courses required by your program.
3. Earn a cumulative GPA of 2.0 or above in the degree program.
4. Complete a minimum of 25% of the credit hours required in the program at SFSC.
5. Fulfill all financial obligations to the College.
6. Apply for graduation and paid the graduation fees.

For graduation (commencement) ceremony procedures, see “Student Information” section of this College Catalog.

It is recommended that you contact a counselor/advisor or the registrar to discuss graduation requirements. You will graduate under the catalog in effect at the time you were admitted into the program if you maintained continuous enrollment.

GENERAL EDUCATION REQUIREMENTS - A.S. degree programs include five or six General Education courses (15 to 18 college credit hours) from the disciplines of humanities/ fine arts, social/behavioral sciences, and natural sciences/ mathematics. The purpose of these courses is to broaden your understanding of the basic concepts and knowledge of today’s world. Specific General Education courses included in each A.S. degree program are identified in the program guides and are identified with the note "(GE)". The English and math courses in each program require you to secure a college-level score on the college placement test or to successfully complete the appropriate college developmental course prior to enrolling.

CORE DEGREE REQUIREMENTS - All associate degrees at SFSC include a basic core of General Education courses from the areas of communication, mathematics, social sciences, humanities, natural sciences, and the First-Year Experience Seminar. If you are graduating with an associate degree, you must demonstrate the following competencies:

1. Reading - achieve a college-level score on a college placement test or earn a passing grade of C or higher in a reading course.
2. Writing - earn a passing grade of C or higher in ENC 1101.
4. Fundamental mathematical skills - achieve a college-level score on the mathematics portion of a college placement test and pass the math courses included in your degree curriculum with a grade of C or higher.
5. Fundamentals of scientific principles - pass the science courses included in your degree curriculum.
6. Basic use of computers - earn a passing grade in a computer course at the College, have a grade of B or higher in an approved one unit computer course on a high school transcript, or pass a competency test administered by the Computer Science Department.

Four-year institutions may require you to have earned higher grades in courses for transfer into certain programs. Check with your advisor and/or the transfer institution to learn about prerequisite courses and grades.

If you have entered the ninth grade in a Florida public school in the 2003-04 school year, or any year thereafter, and earned a Florida standard high school diploma, or if you are currently serving as an active duty member of any branch of the U.S. Armed Services, you will not be required to take the common placement test and will not be required to enroll in developmental education courses at a Florida College System institution. However, you may opt to take a college placement test and/or take developmental education courses even if you are not required to do so.
# Program Offerings by Location

## A.S. Programs

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<tr>
<th></th>
<th>Highlands Campus</th>
<th>Desoto Campus</th>
<th>Hardee Campus</th>
<th>Online*</th>
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<tbody>
<tr>
<td>Accounting</td>
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<td>Accounting Technology - A.S. Degree</td>
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<td>Agriculture</td>
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<td>Business</td>
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<td>Computer</td>
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<td>Computer Programming and Analysis - A.S. Degree</td>
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<td>Fire Science</td>
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<td>Fire Science Technology - A.S. Degree</td>
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<td>Health Science</td>
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<td>Health Services Management - A.S. Degree</td>
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<td>Manufacturing</td>
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<td>Engineering Technology - A.S. Degree</td>
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<td>Industrial Management Technology - A.S. Degree</td>
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*Online course offerings available for selective courses.
ACCOUNTING TECHNOLOGY
ASSOCIATE IN SCIENCE
Program Code: 1580

Description of Program: This program prepares you for employment as an accounts receivable, accounts payable and payroll supervisor, a small business accountant, an accounting technician in a professional accounting/tax office, and other accounting-related positions. You will also learn financial, cost, and managerial accounting principles and procedures; financial statement components and interpretation; management use of accounting information for strategic and operational planning and controlling; and related business issues.

Length: 60 credit hours

Prefix Number      Course Title                      Credit Hrs.

Fall Term
CGS 1100C Introduction to Microcomputers using Windows (GE) 3
ENC 1101 Freshman English I (GE) 3
FIN 1100 Personal Finance 3
SLS 1106 First-Year Experience Seminar or LIS 2004 Research Strategies for College Students 1
ACG 2001 Financial Accounting I or ACG 2021 Financial Accounting 3

Spring Term
ACG 2011 Financial Accounting II 3
ACG 2071 Managerial Accounting 3
CGS 2510C Spreadsheet Applications 3
MAC 1105 College Algebra or higher level math (GE) 3
SPC 2608 Fundamentals of Speech Communication (GE) 3

Summer Term
GEB 1011 Introduction to Business 3

Fall Term
ACG 2100 Intermediate Accounting I 3
BUL 2241 Business Law I 3
ECO 2013 Macroeconomics (GE) 3
TAX 2000 Personal Income Tax 3
** Humanities Elective (GE) 3

Spring Term
ACG 2450C Accounting for the Microcomputer 3
LDR 2001 Introduction to Leadership 3
ECO 2023 Microeconomics (GE) 3
OST 2335 Business Communications 3
** Accounting Elective 2-3

NOTE: Check the course descriptions for prerequisites.
** It is your responsibility to meet with the instructional supervisor or counselor to select the proper course to fulfill this requirement.
^ It may be necessary to first enroll in a lower level English, math, or reading course depending on college placement test scores.
+ If completing ACG 2021 instead of ACG 2001 and ACG 2011, you must also complete an additional 3 hour Accounting Elective.

BIOMEDICAL EQUIPMENT TECHNICIAN
ASSOCIATE IN SCIENCE
Program Code: 1700

Description of Program: The A.S. degree in Biomedical Equipment Technician will prepare you for entry-level positions related to biomedical equipment repair and support. As a Biomedical Equipment Technician, you are responsible for inspection, installation, maintenance, calibration, troubleshooting, and repair of a wide variety of sophisticated devices and instrumentation used in the health care delivery system. You must also be able to communicate effectively with other healthcare professionals as the position frequently requires training others in the proper use of equipment and correcting operator errors.

Length: 60 credit hours

Prefix Number      Course Title                      Credit Hrs.

Fall Term
BSC 1085C Human Anatomy and Physiology I (GE) 4
** EET 1015C Electronics I 4
** ENC 1101 Freshman English I (GE) 3
** MAC 1105 College Algebra (GE) 3
SLS 1106 First-Year Experience Seminar 1

Spring Term
EET 1025C Electronics II 4
SPC 2608 Fundamentals of Speech Communication (GE) 3
# Biomedical Engineering Elective 2
** Humanities Elective (GE) 3
______

### Summer Term
* CET 2114C Digital Electronics I 4
* EET 1141C Introduction to Solid State Devices 4

### Fall Term
* CET 2123C Introduction to Microprocessors 3
* EET 1142C Introduction to Solid State Devices 4
HSC 1532 Medical Terminology 3
PSY 2012 Introduction to Psychology (GE) 3

### Spring Term
EET 2915 Internship in Biomedical Electronic Engineering Systems 12-13

Biomedical Engineering Electives:
CET 1178C PC Support A+ Core Hardware 3-4
CET 1179C PC Support A+ OS Technologies 3
CET 1588C LAN Support Network+ 3
EER 2930 Selected Topics in Electronics Engineering Technology 1-4
EET 1605C Electronic Fabrication Techniques 3
ETD 1614C Applied Electronics Drawing 3
** MAC 1114 Plane Trigonometry 3

* Check the course descriptions for prerequisites.
** It is your responsibility to meet with the instructional supervisor or counselor to select the proper course to fulfill this requirement.
^ It may be necessary to first enroll in a lower level English, math, or reading course depending on college placement test scores.
# It is your responsibility to meet with your instructor and/or counselor to select the Biomedical Engineering Elective from the prescribed list.

**NOTE:** Computer competency required prior to graduation. You may demonstrate computer competency via test score or previous course. Other courses may be considered as appropriate electives per instructor’s approval.

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### Prefix Number | Course Title | Credit Hrs.
---|---|---
**Fall Term**
CGS 1100C Introduction to Microcomputers using Windows (GE) 3
* ENC 1101 Freshman English I (GE) 3
GEB 1011 Introduction to Business 3
ACG 2001 Financial Accounting I or + ACG 2021 Financial Accounting 3
HST 2004 Research Strategies for College Students or SLS 1106 First-Year Experience Seminar 1

### Spring Term
^* ACG 2011 Financial Accounting II 3
** MAC 1105 College Algebra (GE) 3
OST 2335 Business Communications 3
SPC 2608 Fundamentals of Speech Communication (GE) 3

### Summer Term
^* ACG 2071 Managerial Accounting 3
** BUL 2241 Business Law I 3
** ECO 2013 Macroeconomics (GE) 3
** MAR 2011 Principles of Marketing 3
** Professional Elective 3

### Fall Term
** ECO 2023 Microeconomics (GE) 3
* EGB 2002 Career Explorations in Business 2
* MAN 2021 Principles of Management 3
** MAC 2233 Calculus for Business and Social Sciences or STA 2023 Elementary Statistics (GE) 3
** Professional Elective 3

### Spring Term
** ECO 2023 Microeconomics (GE) 3
* GEB 2002 Career Explorations in Business 2
* MAN 2021 Principles of Management 3
** MAC 2233 Calculus for Business and Social Sciences or STA 2023 Elementary Statistics (GE) 3
** Professional Elective 3

### Professional Electives:
* ACG 2450C Accounting for the Microcomputer 3
* CGS 2510C Spreadsheet Applications 3
CGS 2820 Introduction to Web Design 3
LDR 2001 Introduction to Leadership 3
MNA 2345 Management and Supervision 3
SYG 2000 General Sociology (GE) 3

**NOTE:** You must consult with the instructional supervisor or counselor before selecting your “Professional Electives.”

* Check the course descriptions for prerequisites.
** It is your responsibility to meet with the instructional supervisor or counselor to select the proper course to fulfill this requirement.
^ It may be necessary to first enroll in a lower level English, math, or reading course depending on college placement test scores.
+ If completing ACG 2021 instead of ACG 2001 and ACG 2011, you must also complete an additional 3-hour Professional Elective.

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**BUSINESS ADMINISTRATION**
ASSOCIATE IN SCIENCE
Program Code: 1510

### Description of Program:
The A.S. degree in Business Administration will prepare you for an entry-level position in management. In this program, you will be introduced to essential management, legal, and financial skills. Professional electives allow you the flexibility to tailor the degree toward individual educational and career goals.

**Length:** 60 credit hours
COMPUTER ENGINEERING TECHNOLOGY
ASSOCIATE IN SCIENCE
Program Code: 1680

Description of Program: When you graduate from the Computer Engineering Technology program, you will be prepared to join the workforce as a technical professional in a broad range of industries, commercial enterprises, and businesses. You will be able to use the principles and theories of science, engineering, and mathematics to install, service, and maintain computers, peripherals, networks and a variety of microprocessor, and computer-controlled equipment. You will be provided the knowledge and skills required to solve technical issues in the design, development, testing, manufacture, repair, installation, and troubleshooting of electronic equipment and systems, which can include automated industrial control systems, robotic manufacturing systems, SCADA systems, information technology infrastructure, and communication systems. A variety of electronics, computer-related hardware, software, networking, and programming courses are available, allowing you some flexibility dependent upon personal interest and future employment targets. Hands-on computer experience is emphasized throughout the program.

Length: 68 credit hours

Prefix Number  Course Title                                             Credit Hrs.
Fall Term
CET  1178C  PC Support A+ Core Hardware               3-4
CGS 1100C  Introduction to Microcomputers using Windows (GE)  3
* EET 1015C  Electronics I                              4
** ENC 1101  Freshman English I (GE)                  3
** MAC 1105  College Algebra (GE)                      3
EET 2905  Special Topics in Electronics Engineering Technology or EET 2949  Co-op Education Training in Electronics Engineering or SLS 1106  First-Year Experience Seminar 1

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Spring Term
CET 1179C  PC Support A+ OS Technologies                3
* CET 2114C  Digital Electronics I                      4
* EET 1025C  Electronics II                             4
SPC 2608  Fundamentals of Speech Communication (GE)     3
** Humanities Elective (GE)                            3

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Summer Term
CET 1588C  LAN Support Network+                        3
PSY 2012  Introduction to Psychology (GE)               3

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Fall Term
* PHY 2053C  General Physics I (GE)                    4
** Computer Science Electives                           6
** Electronics Electives                                6

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Electronics Electives:
* CET 2123C  Introduction to Microprocessors            3
EET 2930  Selected Topics in Electronics Technology     1-4
* EET 1141C  Introduction to Solid State Devices        4
* EET 1142C  Electronics III                             4
EET 1605C  Electronics Fabrication Techniques           3
* EET 2325C  Electronic Communications                  4
ETD 1614C  Applied Electronics Drawing                  2

Computer Science Electives:
CET 1600C  Networking Fundamentals                      3
CET 2792  Microsoft Windows Server                       3
* CET 2794  Microsoft Directory Services                3
* CET 2796  Designing Security for a Microsoft Windows Network  3
* CGS 2540C  Introduction to Database Management         3
CGS 2820  Introduction to Web Design                    3
* COP 2170C  Principles of Computer Programming          3
* COP 2171C  Advanced Programming Techniques            3
* COP 2224  Introduction to C++ Programming              3
* COP 2228  Advanced C++ Programming                     3
* COP 2250  Java Programming                            3

* Check the course descriptions for prerequisites.
** It is your responsibility to meet with the instructional supervisor or counselor to select the proper course to fulfill this requirement.
^ It may be necessary to first enroll in a lower level English, math, or reading course depending on college placement test scores.

COMPUTER PROGRAMMING AND ANALYSIS
ASSOCIATE IN SCIENCE
Program Code: 1610

Description of Program: The A.S. degree in Computer Programming and Analysis prepares you to become a software applications specialist or entry-level programmer in the microcomputer/business environment. A variety of programming languages and software applications are available, so you may individualize the program depending on your personal career and interests. Hands-on computer experience is emphasized throughout the program.

Length: 60 credit hours

Prefix Number  Course Title                                             Credit Hrs.
Fall Term
# CGS 1100C  Introduction to Microcomputers using Windows (GE)  3
** ENC 1101  Freshman English I (GE)                           3
** MAC 1105  College Algebra (GE)                                3

16
**CRIMINAL JUSTICE TECHNOLOGY**  
**ASSOCIATE IN SCIENCE**  
Program Code: 1520

**Description of Program:** The A.S. degree in Criminal Justice Technology is designed to prepare you for entry-level employment in the criminal justice field. Program content includes general education requirements as well as introductory courses relevant to criminal justice.

**Length:** 60 credit hours

<table>
<thead>
<tr>
<th>Prefix Number</th>
<th>Course Title</th>
<th>Credit Hrs.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Fall Term</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CCJ 1010</td>
<td>Introduction to Criminal Justice</td>
<td>3</td>
</tr>
<tr>
<td>CGS 1100C</td>
<td>Introduction to Microcomputers using Windows (GE)</td>
<td>3</td>
</tr>
<tr>
<td>** ENC 1101**</td>
<td>Freshman English I (GE)</td>
<td>3</td>
</tr>
<tr>
<td>SLS 1106</td>
<td>First-Year Experience Seminar</td>
<td>1</td>
</tr>
<tr>
<td>PSC 1121</td>
<td>Physical Science or any non-lab science in A.A. degree</td>
<td>3</td>
</tr>
<tr>
<td>** Summer Term**</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CJC 1000</td>
<td>Introduction to Corrections</td>
<td>3</td>
</tr>
<tr>
<td>CJC 2002</td>
<td>Criminal Behavior</td>
<td>3</td>
</tr>
<tr>
<td>CJC 2452</td>
<td>Criminal Justice and Community Relations</td>
<td>3</td>
</tr>
<tr>
<td>** Fall Term**</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CJC 1000</td>
<td>Introduction to Law Enforcement</td>
<td>3</td>
</tr>
<tr>
<td>CJE 2452</td>
<td>Criminal Justice and Community Relations</td>
<td>3</td>
</tr>
<tr>
<td>** Summer Term**</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CJC 1000</td>
<td>Juvenile Justice</td>
<td>3</td>
</tr>
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**Programming/Applications Electives:**

<table>
<thead>
<tr>
<th>Prefix Number</th>
<th>Course Title</th>
<th>Credit Hrs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>* ACG 2450C</td>
<td>Accounting for the Microcomputer</td>
<td>3</td>
</tr>
<tr>
<td>CET 2510C</td>
<td>Spreadsheet Applications</td>
<td>3</td>
</tr>
<tr>
<td>CGS 2820</td>
<td>Introduction to Web Design</td>
<td>3</td>
</tr>
<tr>
<td>CGS 2930</td>
<td>Selected Topics in Computers General Studies</td>
<td>3</td>
</tr>
<tr>
<td>CIS 2930</td>
<td>Selected Topics in Computer Science</td>
<td>3</td>
</tr>
<tr>
<td>CIS 2949</td>
<td>Co-op Ed. Training Assignment in Computer Information Systems</td>
<td>3</td>
</tr>
<tr>
<td>* COP 2171C</td>
<td>Advanced Programming Techniques</td>
<td>3</td>
</tr>
<tr>
<td>* COP 2228</td>
<td>Advanced C++ Programming</td>
<td>3</td>
</tr>
<tr>
<td>* COP 2250</td>
<td>Java Programming</td>
<td>3</td>
</tr>
<tr>
<td>COP 2930</td>
<td>Selected Topics in Computer Programming</td>
<td>3</td>
</tr>
<tr>
<td>* CTS 2210</td>
<td>Introduction to Digital Graphics</td>
<td>3</td>
</tr>
<tr>
<td>* DIG 2000C</td>
<td>Digital Media and Design</td>
<td>3</td>
</tr>
<tr>
<td>* GRA 1100</td>
<td>Introduction to Computer Graphics</td>
<td>3</td>
</tr>
<tr>
<td>* GRA 1156</td>
<td>Intermediate Computer Graphics</td>
<td>3</td>
</tr>
<tr>
<td>* GRA 2157</td>
<td>Advanced Computer Graphics</td>
<td>3</td>
</tr>
<tr>
<td>MTB 1103</td>
<td>Business Mathematics using Spreadsheets</td>
<td>3</td>
</tr>
<tr>
<td>OST 1100C</td>
<td>Introduction to College Keyboarding</td>
<td>3</td>
</tr>
<tr>
<td>* OST 1713C</td>
<td>Word Processing - MS Word</td>
<td>3</td>
</tr>
<tr>
<td>OST 2335</td>
<td>Business Communications</td>
<td>3</td>
</tr>
<tr>
<td>PGY 1801</td>
<td>Introduction to Digital Photography</td>
<td>3</td>
</tr>
</tbody>
</table>

* Check the course descriptions for prerequisites.  
** It is your responsibility to meet with the instructional supervisor or counselor to select the proper course to fulfill this requirement.  
^ It may be necessary to first enroll in a lower level English, math, or reading course depending on college placement test scores.  
# If you do not have basic keyboarding skills, it is suggested that you take OST 1100C Introduction to College Keyboarding as the elective course in the first term.
**DENTAL HYGIENE
ASSOCIATE IN SCIENCE
Program Code: 1640**

**Description of Program:** The A.S. degree in Dental Hygiene prepares you for licensure as a dental hygienist so you may provide quality oral health care to the public. Our four program goals are to provide an environment that fosters respect for the American Dental Hygiene Association (ADHA) Professional Code of Ethics and Conduct that supports State laws governing the practice of dental hygiene to provide high quality didactic instruction that precipitates critical thinking, teaching responsibility for evidence-based decision making and create a desire for lifelong learning, educate you in precision instrumentation that integrates didactic theory with oral hygiene therapy, and prepare you to deliver education and therapeutic services in your communities, while recognizing dental hygiene as a dynamic profession.

Once accepted into the program, the dental hygiene curriculum will prepare you for employment as a licensed dental hygienist. You will be expected to master competencies of the dental profession such as patient assessment, dental hygiene instrumentation, direct patient care services including debridement, taking and interpreting diagnostic radiographs, oral hygiene education, special population dental care, expanded functions, office management, infection control, ethics and jurisprudence. Upon successful completion of the program, you will be eligible to sit for the National Dental Hygiene Board Examination and the Florida State Clinical Licensure Examination. The South Florida State College Dental Hygiene Program is accredited by the American Dental Association (ADA) Commission on Dental Accreditation, 211 East Chicago Avenue, Suite 1900, Chicago, IL 60611.

**Length:** 88 credit hours (66 credit hours following the completion of the 22 credit hours prerequisites)

**APPLICATION REQUIREMENTS**

In addition to the admission requirements of the College, the following are requirements for admission to the Dental Hygiene Program:

I. Satisfactory completion of any remedial coursework needed to be eligible for college-level courses.

II. Completion of the seven prerequisite dental hygiene courses with a grade of C or higher in each. Prerequisite courses should be completed by the end of the spring term. An average cumulative GPA of 2.75 or higher in the prerequisite courses is required. (*Some of the prerequisite courses may themselves have prerequisites; verify this information with the Advising and Counseling Center at 863-784-7131 or in this College Catalog under Course Descriptions.*) Laboratory science courses must have been completed within five years prior to application.

The prerequisite dental hygiene courses are:

<table>
<thead>
<tr>
<th>Prefix Number</th>
<th>Course Title</th>
<th>Credit Hrs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSC 1085C</td>
<td>Human Anatomy and Physiology I (GE)</td>
<td>4</td>
</tr>
<tr>
<td>* BSC 1086C</td>
<td>Human Anatomy and Physiology II (GE)</td>
<td>4</td>
</tr>
<tr>
<td>CHM 1020</td>
<td>Introducing General Chemistry</td>
<td>3</td>
</tr>
<tr>
<td>CHM 1020L</td>
<td>Introducing General Chemistry Lab</td>
<td>1</td>
</tr>
<tr>
<td>* ENC 1101</td>
<td>Freshman English I (GE)</td>
<td>3</td>
</tr>
<tr>
<td>* MAC 1105</td>
<td>College Algebra</td>
<td>3</td>
</tr>
<tr>
<td>* MCB 2010C</td>
<td>Microbiology</td>
<td>4</td>
</tr>
</tbody>
</table>

* Check the course descriptions for prerequisites.

**NOTE:** Must earn a grade of C or higher in each of the courses listed above.

III. Verification from a licensed general dentist or dental hygienist substantiating completion of at least 40 hours of observation, volunteer service, or work experience in a dental facility.

IV. A completed Dental Hygiene Program online application (separate application required for admission).

**ADMISSION PROCEDURES**

You are responsible for the following admissions procedures and for ensuring that your records are complete in the Admissions, Registration, and Records Office. No application will be considered unless it is complete.

I. Submit the following to apply to the program:

A. Completed online SFSC Admissions Application, select Dental Hygiene major/program.

This is a limited access program. Admission to this program occurs once per year. Online applications will be accepted until the posted deadline date at 11:59 p.m. Visit southflorida.edu/healthsciences for important application information and deadlines.
B. Official high school/GED transcript.
C. Official transcript from each postsecondary institution attended.
D. Verification from a licensed general dentist or dental hygienist, substantiating completion of at least 40 hours of observation, volunteer service, or work experience on the required form.

II. Once accepted into the program, you will receive instructions to complete the following:
A. Physical health exam and a record of immunizations from a licensed physician or nurse practitioner, and a statement of satisfactory dental health from a licensed dentist (forms will be provided after acceptance into the program).
B. Florida Department of Law Enforcement fingerprinting (will be scheduled prior to enrollment).
C. You will be required to submit program documentation through a third party compliance company throughout the program.

NOTE: Failure to complete these requirements will result in loss of enrollment into the program.

SELECTION CRITERIA AND PROCESS

Entrance to the program is competitive. The higher the GPA, the better the chance of being selected for the program. Following are specific criteria that will be used when making selections for the Dental Hygiene Program:

I. Completion of seven prerequisite dental hygiene courses with a grade of C or above in each course, and an overall cumulative GPA of 2.75 or above for all prerequisite dental hygiene courses.

II. Documentation of residence in DeSoto, Hardee, Highlands, or Polk county for one year immediately prior to the time of application.

III. Verification from a licensed general dentist or dental hygienist, substantiating completion of at least 40 hours of observation, volunteer service, or work experience (form provided on website).

IV. In the event there are two or more applicants with an identical number of points, the following criteria will be used, in the given sequence, as a tiebreaker:
A. A higher cumulative GPA for the seven prerequisite courses.
B. If GPAs are identical, then completion of any of the additional 12 hours of general education courses (Fundamentals of Speech Communication, Introduction to Psychology, General Sociology, and a three credit Humanities elective).
C. If the same number of general education courses have been completed, then a higher cumulative GPA for the completed general education courses.
D. If the GPAs of completed general education courses are identical, then quantity of experience in a dental office or clinic.
E. If the experience in a dental office or clinic is identical, then the date of receiving the dental hygiene application.

V. You may anticipate email notification of acceptance into, or rejection from, by the end of May.

SELECTION PROCESS POINT SYSTEM

Cumulative GPA for the seven pre-dental hygiene courses (Maximum Points = 65)

<table>
<thead>
<tr>
<th>Cumulative GPA</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>4.00 to 3.81</td>
<td>65 Points</td>
</tr>
<tr>
<td>3.80 to 3.72</td>
<td>61 Points</td>
</tr>
<tr>
<td>3.71 to 3.63</td>
<td>54 Points</td>
</tr>
<tr>
<td>3.62 to 3.45</td>
<td>47 Points</td>
</tr>
<tr>
<td>3.44 to 3.27</td>
<td>39 Points</td>
</tr>
<tr>
<td>3.26 to 3.13</td>
<td>30 Points</td>
</tr>
<tr>
<td>3.12 to 3.00</td>
<td>20 Points</td>
</tr>
<tr>
<td>2.99 to 2.72</td>
<td>10 Points</td>
</tr>
<tr>
<td>2.71 to 2.50</td>
<td>5 Points</td>
</tr>
<tr>
<td>Less Than 2.50</td>
<td>0 Points</td>
</tr>
</tbody>
</table>

Observation, volunteer, or work experience in a dental office or clinic beyond the required 40 hrs. (8 hours = 1 day, 21 days = 1 month) (Maximum Points = 6)

<table>
<thead>
<tr>
<th>Observation Hours</th>
<th>Points</th>
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</thead>
<tbody>
<tr>
<td>6 days</td>
<td>1 Point</td>
</tr>
<tr>
<td>7 days to 5 months</td>
<td>2 Points</td>
</tr>
<tr>
<td>5 months 1 day to 11 months</td>
<td>3 Points</td>
</tr>
<tr>
<td>11 months 1 day to 24 months</td>
<td>4 Points</td>
</tr>
<tr>
<td>24 months 1 day to 35 months</td>
<td>5 Points</td>
</tr>
<tr>
<td>More than 35 months</td>
<td>6 Points</td>
</tr>
</tbody>
</table>

Previous degree (Maximum Points = 9)

<table>
<thead>
<tr>
<th>Degree</th>
<th>Points</th>
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<tbody>
<tr>
<td>Graduate from ADA Accredited Dental Assistant Program</td>
<td>1 Point</td>
</tr>
<tr>
<td>A.A.S./A.S./A. A. degree</td>
<td>2 Points</td>
</tr>
<tr>
<td>B.A./B.S. degree</td>
<td>3 Points</td>
</tr>
<tr>
<td>A.A.S./A.S./A.A. degree and B.A./B.S. degree</td>
<td>5 Points</td>
</tr>
<tr>
<td>M.A./M.S. degree</td>
<td>3 Points</td>
</tr>
<tr>
<td>D.A. graduate, A.A.S./A.S./A.A. degree, B.A./B.S. degree, and M.A./M.S. degree</td>
<td>9 Points</td>
</tr>
</tbody>
</table>

Resident of DeSoto, Hardee, Highlands, or Polk county (5 Points)

<table>
<thead>
<tr>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 Points</td>
</tr>
</tbody>
</table>

Total Points = 85

Prefix Number Course Title Credit Hrs.

<table>
<thead>
<tr>
<th>Fall Term</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>* DEH 1002</td>
<td>Introduction to Dental Hygiene</td>
<td>2</td>
</tr>
<tr>
<td>* DEH 1002L</td>
<td>Dental Hygiene Pre-Clinic</td>
<td>2</td>
</tr>
<tr>
<td>* DES 1020</td>
<td>Orofacial Anatomy</td>
<td>2</td>
</tr>
<tr>
<td>* DES 1020L</td>
<td>Orofacial Anatomy Lab</td>
<td>1</td>
</tr>
<tr>
<td>Term</td>
<td>Course Code</td>
<td>Course Name</td>
</tr>
<tr>
<td>---------------------</td>
<td>-------------</td>
<td>-------------------------------------------</td>
</tr>
<tr>
<td>Spring Term</td>
<td>DES 1200</td>
<td>Dental Radiology</td>
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<tr>
<td></td>
<td>DES 1200L</td>
<td>Dental Radiology Lab</td>
</tr>
<tr>
<td></td>
<td>SPC 2608</td>
<td>Fundamentals of Speech Communication</td>
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</tbody>
</table>

**Spring Term**

- DEH 1130 Oral Embryology and Histology 2
- DEH 1800 Dental Hygiene Theory I 2
- DEH 1800L Dental Hygiene Clinic I 3
- DES 1100 Dental Materials and Expanded Duties 2
- DES 1100L Dental Materials and Expanded Duties Lab 1

**Summer Term**

- DEH 1802 Dental Hygiene Theory II 2
- DEH 1802L Dental Hygiene Clinic II 3
- DEH 2400 General and Oral Pathology 3
- DEH 2602 Periodontology I 1

**Fall Term**

- DEH 2300 Pharmacology and Pain Control 3
- DEH 2604 Periodontology II 2
- DEH 2702 Community Dental Health 2
- DEH 2804 Dental Hygiene Theory III 2
- DEH 2804L Dental Hygiene Clinic III 4
- PSY 2012 Introduction to Psychology (GE) 3

**Spring Term**

- DEH 2702L Community Dental Health Lab 1
- DEH 2710 Nutritional and Dental Health 2
- DEH 2806 Professional Development and Ethical Principles 2
- DEH 2806L Dental Hygiene Clinic IV 4
- SYG 2000 General Sociology (GE) 3
- ** Humanities Elective (GE) 3**

* Check the course descriptions for prerequisites.
** It is your responsibility to meet with the instructional supervisor or counselor to select the proper course to fulfill this requirement.

**NOTE:** Computer competency general education requirement is covered within the dental hygiene curriculum for the associate degree.

**GENERAL INFORMATION**

1. SFSC reserves the right to deny admission to you, if you demonstrate the lack of required qualifications for the Dental Hygiene Program.
2. You must reapply, if you wish to be considered for a subsequent class. Each class is selected from a new applicant pool.
3. The College adheres to federal and State laws controlling equal access/equal opportunity.
4. You should understand that completion of all or part of the general education courses required in the degree does not guarantee acceptance into the program.
5. If you have excessive absences, you will be dropped from the program. Excessive absences are defined as being absent from 10% or more scheduled class contact hours. If you have life or health conditions that might hinder attendance, you may wish to consider another program or delay application until a strong commitment to attendance can be made.
6. An official criminal history background check is required for entry into the Dental Hygiene Program. Be aware that some providers of clinical experience will not allow individuals with certain types of criminal history into their facilities. This may be cause for denial into the program enrollment, because such individuals would not be able to successfully complete clinical portions of the Dental Hygiene Program.
7. For information about the Dental Hygiene Program, application procedures, and employment opportunities, contact the dental hygiene instructional supervisor at 863-784-7023.
8. SFSC Dental Hygiene Program may accept you with advanced standing, depending on space. We also recognize the State of Florida Articulation Agreement between the American Dental Association Accredited Dental Assisting and Dental Hygiene Programs. Through this agreement, you may receive credit for the following three courses, depending on comparison of course outlines to assure content and rigor:
   - Dental Materials
   - Dental Radiography
   - Orofacial Anatomy

**APPROXIMATE PROGRAM COSTS**

<table>
<thead>
<tr>
<th>Item</th>
<th>Cost</th>
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</thead>
<tbody>
<tr>
<td>Application Fee</td>
<td>$15</td>
</tr>
<tr>
<td>CPR</td>
<td>$65</td>
</tr>
<tr>
<td>Florida Department of Law Enforcement</td>
<td></td>
</tr>
<tr>
<td>Background Check/Document Manager</td>
<td>$97</td>
</tr>
<tr>
<td>Graduation Fee</td>
<td>$15</td>
</tr>
<tr>
<td>Graduation Pin</td>
<td>$45</td>
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<tr>
<td>Laboratory Fees which include</td>
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</tr>
<tr>
<td>Florida State Licensure Examination</td>
<td>$6,180</td>
</tr>
<tr>
<td>Physical/Medical Costs</td>
<td>$500</td>
</tr>
<tr>
<td>Resident Tuition</td>
<td>$6,958</td>
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<tr>
<td>Textbooks</td>
<td>$1,677</td>
</tr>
<tr>
<td>Approximate Total</td>
<td>$15,552</td>
</tr>
</tbody>
</table>

The registrar determines course equivalency of prerequisite dental hygiene courses taken at other colleges and universities. If the registrar is unable to determine course equivalency, then course equivalency will be determined by the appropriate SFSC division dean.
EMERGENCY MEDICAL SERVICES
ASSOCIATE IN SCIENCE
Program Code: 1660

Description of Program: The A.S. degree in Emergency Medical Services (EMS) provides you with supervisory level instruction related to emergency, out-of-hospital care under the direction of an emergency physician. Emergency medical services personnel direct and manage patient care aspects of the emergency response team. The Emergency Medical Services program is an Associate in Science degree program. It includes Emergency Medical Responder, EMT, Paramedic, and general education coursework. Students certified as an emergency medical technician may be awarded 12 credit hours toward this program of study. Students certified as paramedics may be awarded up to 42 credit hours into this degree program.

Entry Requirement: You must obtain authorization from the EMS program chairperson prior to registering for all or part of this program. You are advised to take the general education portion of this program prior to or after your paramedic training which requires extensive field exercises.

Length: 73 credit hours

Prefix Number | Course Title | Credit Hrs.
--- | --- | ---
Fall Term
* ENC 1101 | Freshman English I (GE) | 3
* EMS 1051C | Emergency Medical Responder | 1
* SPC 2608 | Fundamentals of Speech Communication (GE) | 3
* PSY 2012 | Introduction to Psychology or (GE) | 3
* MAC 1105 | College Algebra or (GE) | 3
* MGF 1106 | Liberal Arts Mathematics I (GE) | 3
** Humanities Elective (GE) | 3
| | | 16
Spring Term
CGS 1100C | Introduction to Microcomputers using Windows (GE) | 3
* EMS 1119 | Emergency Medical Technician I | 7
* EMS 1119L | Emergency Medical Technician I Lab | 4
* EMS 2421 | Emergency Medical Technician Practicum | 1
| | | 15
Fall Term
* EMS 1010C | Anatomy for Paramedics | 3
* EMS 1014 | Paramedic Preparatory | 2
* EMS 1555 | Paramedic Trauma Management | 2
* EMS 1555L | Paramedic Trauma Management Lab | 1
* EMS 1600 | Paramedic Fundamentals | 2
* EMS 1600L | Paramedic Fundamentals Lab | 2
* EMS 1641 | Paramedic Clinical Experience I | 2
* EMS 1681 | Paramedic Special Considerations | 2
* EMS 1681L | Paramedic Special Considerations Lab | 2
| | | 18
Spring Term
* EMS 1642 | Paramedic Clinical Experience II | 3
* EMS 1657 | Paramedic Field Internship II | 2

ENGINEERING TECHNOLOGY
(Advanced Manufacturing Specialization)
ASSOCIATE IN SCIENCE
Program Code: 1760

Description of Program: The A.S. degree in Engineering Technology, with specialization in Advanced Manufacturing, is designed to prepare you to meet the ever-changing and increasingly complex manufacturing processes found in today’s advanced manufacturing workforce. Graduating from this program will prepare you to step into high-skill, high-wage positions such as systems technician, process analyst, technical sales technician, project technician, and calibration technician. Embedded within this program pathway are a number of industry-recognized College Credit Certificates (C.C.C.) including Mechatronics, Engineering Technology Support Specialist, Pneumatics, Hydraulics, and Motors for Manufacturing. This program is also aligned with the Manufacturing Skill Standards Council (MSSC) Certified Production Technician (CPT) industry certification. The A.S. in Engineering Technology degree can serve as either a terminal degree or as the first step of a Florida University System 2+2 program leading to a bachelor’s degree in a technical area or management.

Length: 60 credit hours

Prefix Number | Course Title | Credit Hrs.
--- | --- | ---
Fall Term
** ENC 1101 | Freshman English I (GE) | 3
* ETI 1110 | Introduction to Quality Assurance | 3
* ETI 1701 | Industrial Safety (OSHA) | 3
* ETS 2527 | Electromechanical Components and Mechanisms | 3
SLS 1106 | First-Year Experience Seminar | 1
** MAC 1105 | College Algebra or higher (GE) | 3
| | | 16
**FIRE SCIENCE TECHNOLOGY**

**ASSOCIATE IN SCIENCE**

**Program Code: 1670**

**Description of Program:** The A.S. degree in Fire Science Technology prepares you for employment as a fire inspector and investigator, fire science technician, fire officer, fire safety inspector, or firefighter. If you have been previously or are currently employed in these occupations, it can provide supplemental training for you. This program meets both the State of Florida and FESHE degree models.

**Length:** 60 credit hours

**Prefix Number** | **Course Title** | **Credit Hrs.**
---|---|---
**Fall Term**
| CGS 1100C | Introduction to Microcomputers using Windows (GE) | 3
| ENC 1101 | Freshman English I (GE) | 3
| FFP 1505 | Fire Prevention | 3
| FFP 1540 | Private Fire Protection I | 3
| FFP 2810 | Firefighting Tactics and Strategies I | 3
| SLS 1106 | First-Year Experience Seminar | 1
| **Spring Term**
| FFP 1301 | Fire Hydraulics and Water Supply | 3
| FFP 2120 | Building Construction for Fire Protection | 3
| FFP 2720 | Company Officer Leadership or | 3
| FFP 2780 | Fire Service Administration | 3
| PSY 2012 | Introduction to Psychology or | 3
| SYG 2000 | General Sociology (GE) | 3
| **Summer Term**
| SPC 2608 | Fundamentals of Speech Communication | 3
| **Fall Term**
| FFP 2702 | Principles of Emergency Services | 3
| FFP 2612 | Fire Behavior and Combustion | 3
| FFP 2740 | Fire Service Course Delivery | 3
| FFP 2811 | Firefighting Tactics and Strategies II | 3
| MAC 1105 | College Algebra or | 3
| MGF 1106 | Liberal Arts Mathematics I (GE) | 3
| **Spring Term**
| FFP 2111 | Fire Chemistry | 3
| FFP 2610 | Fire Investigation: Origin and Cause | 3
| FFP 2770 | Ethical and Legal Issues in Firefighting | 3
| **Fire Science Electives:**
| FFP 1302 | Fire Apparatus and Equipment | 3
| FFP 1824 | Basic Incident Management | 1
| FFP 1825 | Intermediate Incident Management | 1
| FFP 1832 | Emergency Response to Terrorism | 1
| FFP 2510 | Related Fire Codes and Standards | 3

**NOTE:** CGS 1100C Introduction to Microcomputers using Windows and SPC 2608 Fundamentals of Speech Communications general education requirements are covered within the engineering curriculum for this associate degree.

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**Spring Term**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
</table>
| ETI 1843 | Motors and Controls | 3
| ETM 2315 | Hydraulics and Pneumatics | 3
| ETM 2315L | Hydraulics and Pneumatics Lab | 1
| PHY 2053C | General Physics I or |
| PHY 2054C | General Physics II or higher (GE) | 4
| **Humanities Elective** (GE) | 3
| **Social Science Elective** (GE) | 3

**Fall Term**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
</table>
| EET 1084C | Introduction to Electricity and Electronics | 3
| ETI 1420 | Manufacturing Processes and Materials | 3
| ETS 1542 | Introduction to Programmable Logic Controllers | 3
| **Engineering Technology Elective** | 3
| **Engineering Technology Elective** | 3

**Spring Term**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
</table>
| ETD 1320C | Introduction to AutoCAD | 3
| ETI 1622 | Concepts of Lean and Six Sigma | 3
| ETM 1010C | Mechanical Measurement and Instrumentation | 3
| **Engineering Technology Elective** | 3
| **Engineering Technology Elective** | 3

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**Recommended electives to additionally earn both the Automation C.C.C. and the Lean Manufacturing C.C.C. Programs.**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
</table>
| ENC 2210 | Technical Writing | 3
| ETI 1644 | Production and Inventory Control | 3
| ETI 1931 | Special Topics in Modern Manufacturing or |
| ETI 1949 | Co-op Education Training Assignment in Manufacturing or |
| ETS 1535 | Automated Process Control | 3
| ETS 2604 | Robotics Applications | 3

**Recommended electives to additionally earn the CNC Machinist/ Fabricator C.C.C. Program.**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
</table>
| ETD 2364C | Introduction to SOLIDWORKS | 3
| PMT 1250C | Computer Numerical Control (CNC) I | 3
| PMT 2254C | Computer Numerical Control (CNC) II | 3

* Check the course descriptions for prerequisites.
** It is your responsibility to meet with the instructional supervisor or counselor to select the proper course to fulfill this requirement.
^ It may be necessary to first enroll in a lower level English, math, or reading course depending on college placement test scores.
# Previous completion of the MSSC CPT Certificate satisfies this requirement.

**NOTE:** CGS 1100C Introduction to Microcomputers using Windows and SPC 2608 Fundamentals of Speech Communications general education requirements are covered within the engineering curriculum for this associate degree.
HEALTH SERVICES MANAGEMENT
ASSOCIATE IN SCIENCE
Program Code: 1770

Description of Program: The A.S. degree in Health Services Management prepares you for employment as a health service manager, health service administrator, or provides you with supplemental training in a previous or current health occupation. You will learn skills in management, accounting and bookkeeping, personnel relations and management, governmental standards, and regulation of health care administration in diverse health care settings.

Length: 60 credit hours

Prefix Number        Course Title                                      Credit Hrs.

Fall Term
CGS 1100C        Introduction to Microcomputers using Windows (GE) 3
** ENC 1101        Freshman English I (GE) 3
PSY 2012         Introduction to Psychology (GE) 3
SLS 1106         First-Year Experience Seminar 1
** MAC 1105        College Algebra or equivalent (GE) 3
                   13

Spring Term
BSC 1085C        Human Anatomy and Physiology I (GE) 4
* CGS 2510C       Spreadsheet Applications 3
SPC 2608         Fundamentals of Speech Communication (GE) 3
** Humanities Elective (GE) 3
                   13

Summer Term
HSA 1100         Healthcare Delivery Systems 3
HSC 1532         Medical Terminology 3
                   6

Fall Term
ACG 2001         Financial Accounting I 3
* BSC 1086C       Human Anatomy and Physiology II (GE) 4
HIM 2012         Health Law Concepts and Practices 2
HIM 2223         Introduction to Coding and Reimbursement Systems 2
                   11

Spring Term
HIM 2510         Quality and Performance Improvement 2
HIM 2652         Electronic Health/Medical Record Systems 2
HSA 1102         Current Issues in Health 2
HSC 1149         General Pharmacology for Health Professionals 1
HSC 2721         Evidence-Based Healthcare Practice 1
* MCB 2010C       Microbiology (GE) 4
                   12

Summer Term
HSA 2001         Interprofessional Team-Based Healthcare 2
HSA 2182         Health Services Management Concepts 2
HSC 2810         Professional Practice Experience 1-2
                   5

* Check the course descriptions for prerequisites.
** It is your responsibility to meet with the instructional supervisor or counselor to select the proper course to fulfill this requirement.
^ It may be necessary to first enroll in a lower level English, math, or reading course depending on college placement test scores.

NOTE: The course sequence is subject to change.

INDUSTRIAL MANAGEMENT TECHNOLOGY
ASSOCIATE IN SCIENCE
Program Code: 1730

Description of Program: The A.S. degree in Industrial Management Technology is designed to provide specific entry-level managerial and supervisory skills related to your technical areas of training. You will gain a balance of academic, business, supervisory, management, and technical skills that are appropriate for management roles and upward mobility in their respective fields.

NOTE: Twenty (20) credits may be awarded to you toward the Industrial Management Technology A.S. degree if you successfully complete one of the following career certificate programs: Heating, Ventilation, Air Conditioning/Refrigeration (HVAC/R); Automotive Collision Technology Technician; Automotive Service Technology; Electrical Lineworker; or Electronic Technology offered at SFSC. If you plan to enter this A.S. program, you must have completed the SFSC career certificate with a GPA of 2.0 or higher prior to admission. If you are an incoming transfer student who has completed comparable occupational credit courses at other accredited institutions, you must have an official transcript sent to the Registrar’s Office. The dean, applied sciences and the registrar will determine transferable courses that could be used toward this program. The college credit awarded as part of this program will be held in escrow until the A.S. Degree in Industrial Management Technology has been completed and may not be used toward any other associate or Baccalaureate degree.

Length: 60 credit hours
### Prefix Number | Course Title | Credit Hrs.
--- | --- | ---
**Fall Term**
CGS 1100C | Introduction to Microcomputers using Windows (GE) | 3
** ENC 1101 | Freshman English I (GE) | 3
GEB 1011 | Introduction to Business | 3
MAR 2011 | Principles of Marketing | 3
# SLS 1106 | First-Year Experience Seminar | 1
** MAC 1105 | College Algebra or equivalent (GE) | 3

### Spring Term
ETI 1701 | Industrial Safety (OSHA) | 3
MAN 2021 | Principles of Management | 3
SPC 2608 | Fundamentals of Speech Communication (GE) | 3
ACG 2001 | Financial Accounting I or | 3
ACG 2021 | Financial Accounting | 3

### Fall Term
# EIN 1940 | Internship/Externship in Industrial Management | 3-4
OST 2335 | Business Communications | 3
PSY 2012 | Introduction to Psychology or (GE) | 3
SYG 2000 | General Sociology (GE) | 3
** Humanities Elective (GE) | 3

** Awarded credits for specialized career certificate program 20

* Check the course descriptions for prerequisites.
** It is your responsibility to meet with the instructional supervisor or counselor to select the proper course to fulfill this requirement.
^ It may be necessary to first enroll in a lower level English, math, or reading course depending on college placement test scores.
# If SLS 1106 is not required, 4 credit hours of internship/externship will be required.

### Length: 60 credit hours

### Prefix Number | Course Title | Credit Hrs.
--- | --- | ---
**Fall Term**
CGS 1100C | Introduction to Microcomputers using Windows (GE) | 3
** ENC 1101 | Freshman English I (GE) | 3
HOS 1107 | Introduction to Plant Science | 3
* ORH 1101 | Introduction to Horticulture | 3
SLS 1106 | First-Year Experience Seminar | 1

### Spring Term
* FRC 1211 | Citrus Culture | 3
IPM 2671 | Principles of Pest Management (Ornamental) | 3
OST 2335 | Business Communications | 3
SPC 2608 | Fundamentals of Speech Communication (GE) | 3
** MAC 1105 | College Algebra or equivalent (GE) | 3

### Summer Term
AGR 2915 | Internship in Agriculture (Landscape/Horticulture Industry) or | 2-3
AGR 2949 | Co-op Education Training Assignment in Agriculture | 2-3

### Fall Term
AOM 1310 | Agricultural Machinery and Equipment (Landscape) | 3
MAN 2021 | Principles of Management | 3
ORH 1220 | Turfgrass Management | 3
SWS 1102 | Soils and Fertilization | 3
PSY 2012 | Introduction to Psychology or (GE) | 3
SYG 2000 | General Sociology (GE) | 3

### Spring Term
AEB 2102 | Principles of Agri-Business Management | 3
FNR 1060 | Environmental Science and Policy | 3
* LDE 2402 | Landscape Design | 3
** Humanities Elective (GE) | 3
** Social Science Elective (GE) | 3

* Check the course descriptions for prerequisites.
** It is your responsibility to meet with the instructional supervisor or counselor to select the proper course to fulfill this requirement.
^ It may be necessary to first enroll in a lower level English, math, or reading course depending on college placement test scores.

**NOTE:** Many agriculture specific courses are conducted as web-enhanced independent studies. A mandatory orientation is held the first week of class.

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**LANDSCAPE AND HORTICULTURE TECHNOLOGY**

**ASSOCIATE IN SCIENCE**

**Program Code: 1620**

**Description of Program:** The A.S. degree in Landscape and Horticulture Technology prepares you for employment in the landscape industry as an agricultural or nursery and landscape professional or manager, landscape and groundskeeping manager, production manager and superintendent, landscape gardener, landscape designer, supervisor, park worker, and a landscaping contractor. Course content includes, but is not limited to, instruction pertaining to an understanding of plant physiology and growth, plant nutrition and fertilization, plant classification and identification, propagation, pest management, pruning and shaping plants, maintenance of landscape plants, equipment management, marketing, environmental management, employability and human relations skills, and business management.
NETWORK SYSTEMS TECHNOLOGY
ASSOCIATE IN SCIENCE
Program Code: 1740

Description of Program: This program provides you with the technical skills needed for Information Technology (IT) careers in computer network management, design, installation, security, forensics, maintenance, and support. This program helps you learn the fundamentals of computer hardware, operating systems, and network essentials. It shows you how to install, configure, maintain, troubleshoot, secure, and repair computers and networks. You will be able to administer, configure, connect, plan, maintain, manage, and secure complex local area and wide area networks. This program places high emphasis on completion of leading industry certifications.

Length: 60 credit hours

Prefix Number Course Title Credit Hrs.

Fall Term
CET 1600C Networking Fundamentals 3
CGS 1061C Fundamentals of Computers 3
* CIS 2358C Operating System Security 3
* CTS 1156 Desktop Support 3
SLS 1106 First-Year Experience Seminar 1
13

Spring Term
* CET 1660C Computer Network Security 3
* CET 2662C Security Testing and Auditing 3
CET 2792 Microsoft Windows Server 3
* CGS 1135C Introduction to Computer Forensics 3
12

Summer Term
CET 2930C Selected Topics in Computer Networking 3
* CTS 2142 IT Project Management 2
5

Fall Term
CGS 1100C Introduction to Microcomputers using Windows (GE) 3
** ENC 1101 Freshman English I (GE) 3
OST 2335 Business Communications 3
** Social Science Elective (GE) 3
12

Spring Term
* CET 2794 Microsoft Directory Services 3
* COP 2170C Principles of Computer Programming (GE) 3
** Humanities Elective (GE) 3
** Mathematics or Science Elective (GE) 3
12

Summer Term
* CIS 2352C Ethical Hacking I 3
* CIS 2359C Ethical Hacking II 3
6

* Check the course descriptions for prerequisites.
** It is your responsibility to meet with the instructional supervisor or counselor to select the proper course to fulfill this requirement.
^ It may be necessary to first enroll in a lower level English, math, or reading course depending on college placement test scores.

NOTE: Fundamentals of Speech Communication is being met within the curriculum.

NURSING (Generic - RN)
ASSOCIATE IN SCIENCE
Program Code: 1550

Description of Program: This academic program is designed to prepare you as a registered Associate Degree Nurse (ADN) and/or to continue your education to earn a Baccalaureate or an advanced degree. The program provides you the opportunity to acquire the knowledge, attitude, and skills needed to be eligible to take the NCLEX® exam for licensure as a Registered Nurse (RN). The SFSC Nursing Program is accredited by the Accreditation Commission for Education in Nursing, Inc., 3343 Peachtree Road NE, Suite 850, Atlanta, GA 30326.

This is a limited access program. Admission to this program occurs once per year*. Online applications will be accepted until the posted deadline date at 11:59 p.m. Visit southflorida.edu/healthsciences for important application information and deadlines.

*NOTE: The Nursing (Generic-RN) program admits students to the traditional day program for the fall term and the evening/weekend program for the spring term.

Length: 72 credit hours (48 credit hours following the completion of the 24 credit hours of prerequisites)

APPLICATION REQUIREMENTS

1. Completed online SFSC Admissions Application.
2. Placement test scores from any one of the following tests: ACT, SAT I®, or PERT (college placement test). You may schedule these tests through the College's Testing and Assessment Center.
3. Official high school transcript, GED, or equivalent verifying proof of high school graduation.
4. Official college transcript(s) verifying the completion of the following courses and all other college work attempted:

Prefix Number Course Title Credit Hrs.

BSC 1085C Human Anatomy and Physiology I (GE) 4
* BSC 1086C Human Anatomy and Physiology II (GE) 4
* DEP 1004 Human Development 3
* ENC 1101 Freshman English I (GE) 3
* MCB 2010C Microbiology (GE) 4
PSY 2012 Introduction to Psychology (GE) 3
**# MAC 1105 College Algebra or (GE) 3
* STA 2023 Elementary Statistics (GE) 3

* Check the course descriptions for prerequisites.
^ It may be necessary to first enroll in a lower level English, math, or reading course depending on college placement test scores.
# College Algebra is preferred.
NOTE: Must earn a grade of C or higher in each of the courses listed under the Application Requirements.

The program prerequisites must be completed by the end of spring term. The acceptability of equivalents for any of the courses will be determined by SFSC’s dean, health sciences.

5. Human Anatomy and Physiology I, Human Anatomy and Physiology II, and Microbiology must have been taken within seven years of admission to the program. All science courses must have a lab.

6. All required developmental courses must be completed prior to application to the nursing programs.

ADMISSION PROCEDURES

You are responsible for the following admissions procedures and for ensuring that your records are complete in the Admissions, Registration, and Records Office. No application will be considered unless it is complete.

I. Submit the following to apply to the program:
   A. Completed online SFSC Admissions Application, select Nursing (Generic-RN) major/program.
   B. Official high school/GED transcript.
   C. Official transcript from each postsecondary institution attended.
   D. Take ATI TEAS® entrance exam.
   E. Submit references from the following sources may be mailed or delivered by hand if in a sealed envelope:
      • Current or most recent employer or instructor.
      • Person of your choice other than a relative.

II. Once accepted into the program, you will receive instructions to complete the following:
   A. Physical health exam and a record of immunizations from a licensed physician or nurse practitioner (forms will be provided after acceptance into the program).
   B. Florida Department of Law Enforcement fingerprinting (will be scheduled prior to enrollment).
   C. Ten panel drug screen.
   D. You will be required to submit program documentation through a third party compliance company throughout the program.

NOTE: Failure to complete these requirements will result in loss of enrollment into the program.

SELECTION CRITERIA

There are specific criteria which will be used when making selections for the program. These criteria are as follows:

1. Completion of the 24 prerequisite hours with a grade of C or higher in each course and a cumulative prerequisite GPA of 2.5 or higher. Prerequisite courses are as follows:

   Prefix Number | Course Title                  | Credit Hrs.
   --------------|-------------------------------|------------
   * BSC 1085C   | Human Anatomy and Physiology I (GE) | 4          
   * BSC 1086C   | Human Anatomy and Physiology II (GE) | 4          
   * DEP 1004    | Human Development              | 3          
   **ENC 1101    | Freshman English I (GE)        | 3          
   * MCB 2010C   | Microbiology                   | 4          
   PSY 2012     | Introduction to Psychology (GE) | 3          
   **MAC 1105    | College Algebra or             | 3          
   * STA 2023    | Elementary Statistics (GE)     | 3          

   * Check the course descriptions for prerequisites.
   ^ It may be necessary to first enroll in a lower level English, math, or reading course depending on college placement test scores.
   # College Algebra is preferred.

2. The ATI TEAS® is the entrance exam for limited access nursing programs (PN, LPN to RN, and Generic RN). The Test of Essential Academic Skills (ATI TEAS®) measures basic essential skills in the academic content area domains of reading, mathematics, science, and English and language usage.

You will have 209 minutes to complete the exam which consists of the following four subtests:

   • The READING subtest covers paragraph comprehension, passage comprehension, and inferences/conclusions (53 questions).
   • The MATH subtest covers whole numbers, metric conversions, fractions and decimals, algebraic equations, percentages, and ratio/proportion (36 questions).
   • The SCIENCE portion of the exam covers science reasoning, science knowledge, biology, chemistry, anatomy and physiology, basic physical principles, and general science (53 questions).
   • The ENGLISH and LANGUAGE usage subtest measures knowledge of punctuation, grammar, sentence structure, contextual words, and spelling (28 questions).

ATI TEAS® components target scores:

<table>
<thead>
<tr>
<th>Test Content Areas</th>
<th>Target Score</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reading</td>
<td>75%</td>
</tr>
<tr>
<td>Math</td>
<td>65%</td>
</tr>
<tr>
<td>English</td>
<td>65%</td>
</tr>
<tr>
<td>Science</td>
<td>65%</td>
</tr>
</tbody>
</table>

The target scores to be considered for admission to the program are competitive. Scores in the mid-70 range and higher are predictive of program acceptance and success; however, scores in this range do not guarantee acceptance. Scores are reviewed annually and are, therefore, subject to change based on current ATI® data.

Applicants who wish to retake the exam to achieve a higher score must retake the entire exam. There must be a minimum of three (3) months between test dates. Each test is considered a combined complete entity.
There will be NO combination of scores from separate tests. ATI TEAS® exam results are valid for five (5) years.

Test preparation materials are available in the SFSC Campus Store (Highlands Campus), SFSC Library, and online at attesting.com.

3. Satisfactory physical, mental, and dental health as certified by a licensed health care provider. Certification of satisfactory health and immunizations are requirements for admission to the nursing program. Students will not be able to register until all documentation is submitted.

4. Review of professional references.

**SELECTION PROCESS**

I. If you meet the minimum requirements by the application deadline, you will be ranked highest to lowest, a score devised by multiplying the pre-admission exam score by the cumulative prerequisite GPA in the following courses:

<table>
<thead>
<tr>
<th>Prefix Number</th>
<th>Course Title</th>
<th>Credit Hrs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSC 1085C</td>
<td>Human Anatomy and Physiology I</td>
<td>(GE) 4</td>
</tr>
<tr>
<td>BSC 1086C</td>
<td>Human Anatomy and Physiology II</td>
<td>(GE) 4</td>
</tr>
<tr>
<td>DEP 1004</td>
<td>Human Development</td>
<td>3</td>
</tr>
<tr>
<td>ENC 1101</td>
<td>Freshman English I</td>
<td>(GE) 3</td>
</tr>
<tr>
<td>MCB 2010C</td>
<td>Microbiology</td>
<td>(GE) 4</td>
</tr>
<tr>
<td>PSY 2012</td>
<td>Introduction to Psychology</td>
<td>(GE) 3</td>
</tr>
<tr>
<td># MAC 1105</td>
<td>College Algebra or</td>
<td></td>
</tr>
<tr>
<td>STA 2023</td>
<td>Elementary Statistics</td>
<td>(GE) 3</td>
</tr>
</tbody>
</table>

# College Algebra is preferred.

NOTE: Must earn a grade of C or higher in each of the courses listed above.

II. In cases where all credentials are equal, the following criteria will be used in the given sequence to determine who will be admitted into the program:

A. Completion of any of the additional general education courses.
B. Residence in service district.
C. Completed application date.

**GENERAL INFORMATION**

1. SFSC reserves the right to deny admission to you if you lack required qualifications for the ADN Program. You must reapply if you wish to be considered for a subsequent class. Each class is selected from a new applicant pool.

2. Completion of all or part of the general education courses required in the degree does not guarantee acceptance into the program.

3. The nursing program at SFSC has a stringent attendance policy. It is imperative that you understand and agree to abide by the published attendance standards prior to entering the program. The attendance policy is published in the Nursing Student Handbook which specifies the number of allowable absences for each portion of the program. If you have life or health conditions that might hinder attendance, you may wish to consider another program or delay application until a strong commitment to attendance can be made.

4. An official criminal history background check and drug screen are required for entry into the Nursing program. Be aware that some providers of clinical experiences will not allow individuals with certain types of criminal history into their facilities. This may prevent entrance into the program, because such individuals would not be able to successfully complete clinical portions of the nursing program. A criminal history may also prevent you from being allowed to take the NCLEX® examination for licensure by action of the Florida Board of Nursing. For more information or questions regarding your status, contact the Board of Nursing at 850-245-4125 or access information at doh.state.fl.us/nursing.

5. SFSC is a drug-free campus. As a student, you may be required to submit to random drug testing at the student's expense.

6. Expenses (approximate) incurred upon acceptance to the program include a Level II background screening, a 10-panel drug screen, and online document manager.

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>CPR</td>
<td>$65</td>
</tr>
<tr>
<td>Drug Screen/Document Tracker</td>
<td>$70</td>
</tr>
<tr>
<td>FDLE Level II Background Check</td>
<td>$62</td>
</tr>
<tr>
<td>Physical examination</td>
<td>Variable</td>
</tr>
<tr>
<td>Required titers and immunizations</td>
<td>Variable</td>
</tr>
</tbody>
</table>

**ACADEMIC REQUIREMENTS**

An overall GPA of 2.0 (C grade) or higher in all general education courses and a grade of 3.0 (B grade) in each and every nursing course is required. Theory and clinical grades are computed separately. Minimal passing grade for each is 80%; achievement in either theory or clinical of less than 80% constitutes a failure in the course.

**APPROXIMATE PROGRAM COSTS**

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Admission fee</td>
<td>$15</td>
</tr>
<tr>
<td>Graduation fee</td>
<td>$15</td>
</tr>
<tr>
<td>Laboratory fees which include uniforms, clinical lab skills kit, NCLEX® Review, and NCLEX® testing fees</td>
<td>$2,694</td>
</tr>
<tr>
<td>Resident tuition</td>
<td>$7,590</td>
</tr>
<tr>
<td>Textbooks</td>
<td>$1,775</td>
</tr>
<tr>
<td><strong>Approximate Total</strong></td>
<td><strong>$12,089</strong></td>
</tr>
</tbody>
</table>
### APPLICATION REQUIREMENTS

1. Completed online SFSC Admissions Application.
2. Placement test scores from any one of the following tests: ACT, SAT I®, or PERT (college placement test). You may schedule these tests through the College’s Testing and Assessment Center.
3. Official high school transcript, GED, or equivalent verifying proof of high school graduation.
5. Official college transcript(s) verifying the completion of the following courses and all other college work attempted:

<table>
<thead>
<tr>
<th>Prefix Number</th>
<th>Course Title</th>
<th>Credit Hrs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSC 1085C</td>
<td>Human Anatomy and Physiology I (GE)</td>
<td>4</td>
</tr>
<tr>
<td>* BSC 1086C</td>
<td>Human Anatomy and Physiology II (GE)</td>
<td>4</td>
</tr>
<tr>
<td>* DEP 1004</td>
<td>Human Development</td>
<td>3</td>
</tr>
<tr>
<td>^ ENC 1101</td>
<td>Freshman English I (GE)</td>
<td>3</td>
</tr>
<tr>
<td>* MCB 2010C</td>
<td>Microbiology (GE)</td>
<td>4</td>
</tr>
<tr>
<td>NUR 1180</td>
<td>Principles of Nutrition and Diet Therapy</td>
<td>3</td>
</tr>
<tr>
<td>PSY 2012</td>
<td>Introduction to Psychology (GE)</td>
<td>3</td>
</tr>
<tr>
<td>**# MAC 1105</td>
<td>College Algebra or (GE)</td>
<td>3</td>
</tr>
<tr>
<td>* STA 2023</td>
<td>Elementary Statistics (GE)</td>
<td>3</td>
</tr>
</tbody>
</table>

* Check the course descriptions for prerequisites.

^ It may be necessary to first enroll in a lower level English, math, or reading course depending on college placement test scores.

# College Algebra is preferred.

**NOTE:** You must earn a grade of C or higher in each of the courses listed above, except for NUR 1180 must earn a grade of B or higher.

The above prerequisites must be completed by the end of spring term. The acceptability of equivalents for any of the courses will be determined by SFSC’s dean, health sciences.

6. Current unencumbered LPN license or proof of application for Florida license, if holding an out-of-state LPN license.
7. Current CPR (Basic Life Support for Healthcare Providers) certificate that will not expire until completion of program.
9. Human Anatomy and Physiology I and II and Microbiology must have been taken within seven years of admission to the program. All science courses must have a lab.
10. All required developmental courses must be completed prior to application to the nursing programs.

### ADMISSION PROCEDURES

You are responsible for the following admissions procedures and for ensuring that your records are complete in the Admissions, Registration, and Records Office. No application will be considered unless it is complete.

1. Submit the following to apply to the program:
   A. Completed online SFSC Admissions Application, select Nursing (Transition LPN to RN) major/program.
B. Official high school/GED transcript.
C. Official transcript from each postsecondary institution attended.
D. Take ATI TEAS® entrance exam.
E. Submit references from the following sources may be mailed or delivered by hand if in a sealed envelope:
   • Current or most recent employer or instructor.
   • Person of your choice other than a relative.

II. Once accepted into the program, you will receive instructions to complete the following:
A. Physical health exam and a record of immunizations from a licensed physician or nurse practitioner (forms will be provided after acceptance into the program).
B. Florida Department of Law Enforcement fingerprinting (will be scheduled prior to enrollment).
C. Ten-panel drug screen.
D. You will be required to submit program documentation through a third party compliance company throughout the program.

NOTE: Failure to complete these requirements will result in loss of enrollment into the program.

SELECTION CRITERIA

There are specific criteria which will be used when making selections for the program. These criteria are as follows:

1. Completion of the eight prerequisite courses with a grade of C or higher in each course and a cumulative prerequisite GPA of 2.5 or higher. Prerequisite courses are as follows:

<table>
<thead>
<tr>
<th>Prefix Number</th>
<th>Course Title</th>
<th>Credit Hrs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSC 1085C</td>
<td>Human Anatomy and Physiology I (GE)</td>
<td>4</td>
</tr>
<tr>
<td>* BSC 1086C</td>
<td>Human Anatomy and Physiology II (GE)</td>
<td>4</td>
</tr>
<tr>
<td>* DEP 1004</td>
<td>Human Development</td>
<td>3</td>
</tr>
<tr>
<td>^ ENC 1101</td>
<td>Freshman English I</td>
<td>3</td>
</tr>
<tr>
<td>* MCB 2010C</td>
<td>Microbiology</td>
<td>4</td>
</tr>
<tr>
<td>NUR 1180</td>
<td>Principles of Nutrition and Diet Therapy</td>
<td>3</td>
</tr>
<tr>
<td>PSY 2012</td>
<td>Introduction to Psychology</td>
<td>3</td>
</tr>
<tr>
<td>**# MAC 1105</td>
<td>College Algebra or</td>
<td></td>
</tr>
<tr>
<td>* STA 2023</td>
<td>Elementary Statistics</td>
<td>3</td>
</tr>
</tbody>
</table>

* Check the course descriptions for prerequisites.
^ It may be necessary to first enroll in a lower level English, math, or reading course depending on college placement test scores.
# College Algebra is preferred.

NOTE: You must earn a grade of C or higher in each of the courses listed above; except for NUR 1180 must earn a grade of B or higher.

2. The ATI TEAS® is the entrance exam for limited access nursing programs (PN, LPN to RN, and Generic RN). The Test of Essential Academic Skills (ATI TEAS®) measures basic essential skills in the academic content area domains of reading, mathematics, science, and English and language usage.

You will have 209 minutes to complete the exam which consists of the following four subtests:

- The READING subtest covers paragraph comprehension, passage comprehension, and inferences/conclusions (53 questions).
- The MATH subtest covers whole numbers, metric conversions, fractions and decimals, algebraic equations, percentages, and ratio/proportion (36 questions).
- The SCIENCE portion of the exam covers science reasoning, science knowledge, biology, chemistry, anatomy and physiology, basic physical principles, and general science (53 questions).
- The ENGLISH and LANGUAGE usage subtest measures knowledge of punctuation, grammar, sentence structure, contextual words, and spelling (28 questions).

ATI TEAS® components target scores:

<table>
<thead>
<tr>
<th>Test Content Areas</th>
<th>Target Score</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reading</td>
<td>75%</td>
</tr>
<tr>
<td>Math</td>
<td>65%</td>
</tr>
<tr>
<td>English</td>
<td>65%</td>
</tr>
<tr>
<td>Science</td>
<td>65%</td>
</tr>
</tbody>
</table>

The target scores to be considered for admission to the program are competitive. Scores in the mid-70 range and higher are predictive of program acceptance and success; however, scores in this range do not guarantee acceptance. Scores are reviewed annually and are, therefore, subject to change based on current ATI® data.

Applicants who wish to retake the exam to achieve a higher score must retake the entire exam. There must be a minimum of three (3) months between test dates. Each test is considered a combined complete entity. There will be NO combination of scores from separate tests. ATI TEAS® exam results are valid for five (5) years.

Test preparation materials are available in the SFSC Campus Store (Highlands Campus), SFSC Library, and online at atitesting.com.

3. Current direct patient care experience as deemed appropriate by the Selection Committee. The Selection Committee will determine if an applicant has the appropriate level of current direct care experience based upon skill competency checklist/validation and/or experience.

4. Satisfactory physical, mental, and dental health as certified by a licensed health care provider. Certification of satisfactory health and immunizations are requirements for admission to the nursing program.

5. Review of professional references.
# SELECTION PROCESS

I. If you meet the minimum requirements by the application deadline, you will be ranked highest to lowest, a score devised by multiplying the pre-admission exam score by the cumulative prerequisite GPA in the following courses:

<table>
<thead>
<tr>
<th>Prefix Number</th>
<th>Course Title</th>
<th>Credit Hrs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSC 1085C</td>
<td>Human Anatomy and Physiology I (GE)</td>
<td>4</td>
</tr>
<tr>
<td>BSC 1086C</td>
<td>Human Anatomy and Physiology II (GE)</td>
<td>4</td>
</tr>
<tr>
<td>DEP 1004</td>
<td>Human Development</td>
<td>3</td>
</tr>
<tr>
<td>ENC 1101</td>
<td>Freshman English I (GE)</td>
<td>3</td>
</tr>
<tr>
<td>MCB 2010C</td>
<td>Microbiology</td>
<td>4</td>
</tr>
<tr>
<td>NUR 1180</td>
<td>Principles of Nutrition and Diet Therapy</td>
<td>3</td>
</tr>
<tr>
<td>PSY 2012</td>
<td>Introduction to Psychology (GE)</td>
<td>3</td>
</tr>
<tr>
<td># MAC 1105</td>
<td>College Algebra or Elementary Statistics (GE)</td>
<td>3</td>
</tr>
<tr>
<td>STA 2023</td>
<td>Elementary Statistics</td>
<td>3</td>
</tr>
</tbody>
</table>

# 27

* College Algebra is preferred.

NOTE: You must earn a grade of C or higher in each of the courses listed above; except for NUR 1180 must earn a grade of B or higher.

II. In cases where all credentials are equal, the following criteria will be used in the given sequence to determine who will be admitted into the program:

A. Completion of any of the additional general education courses.
B. Residence in service district.
C. Completed application date.

# GENERAL INFORMATION

1. SFSC reserves the right to deny admission to you, if you lack required qualifications for the ADN Program. You must reapply, if you wish to be considered for a subsequent class. Each class is selected from a new applicant pool.

2. Completion of all or part of the general education courses required in the degree does not guarantee acceptance into the program.

3. The nursing program at SFSC has a stringent attendance policy. It is imperative that you understand and agree to abide by the published attendance standards prior to entering the program. The attendance policy is published in the Nursing Student Handbook which specifies the number of allowable absences for each portion of the program. If you have life or health conditions that might hinder attendance, you may wish to consider another program or delay application until a strong commitment to attendance can be made.

4. An official criminal history background check and drug screen are required for entry into the nursing program. Be aware that some providers of clinical experiences will not allow individuals with certain types of criminal history into their facilities. This may prevent entrance into the program, because such individuals would not be able to successfully complete clinical portions of the nursing program. A criminal history may also prevent you from being allowed to take the NCLEX® examination for licensure by action of the Florida Board of Nursing. For more information or questions regarding your status, contact the Board of Nursing at 850-245-4125 or access information at doh.state.fl.us/nursing.

5. SFSC is a drug-free campus. As a student, you will be required to submit to random drug testing at the student's expense.

6. Expenses (approximate) incurred upon acceptance to the program include a Level II background screening, a 10-panel drug screen, and online document manager.

<table>
<thead>
<tr>
<th>Description</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drug Screen/Document Tracker</td>
<td>$70</td>
</tr>
<tr>
<td>FDLE Level II Background Check</td>
<td>$62</td>
</tr>
<tr>
<td>Physical examination</td>
<td>Variable</td>
</tr>
<tr>
<td>Required titers and immunizations</td>
<td>Variable</td>
</tr>
</tbody>
</table>

# ACADEMIC REQUIREMENTS

An overall GPA of 2.0 (C grade) or higher in all general education courses and a grade of 3.0 (B grade) in each and every nursing course is required. Theory and clinical grades are computed separately. Minimal passing grade for each is 80%; achievement in either theory or clinical of less than 80% constitutes a failure in the course.

# APPROXIMATE PROGRAM COSTS

<table>
<thead>
<tr>
<th>Description</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Admission fee</td>
<td>$ 15</td>
</tr>
<tr>
<td>Graduation fee</td>
<td>$15</td>
</tr>
<tr>
<td>Laboratory fees which include uniforms, clinical lab skills kit, NCLEX® Review, and NCLEX® testing fees</td>
<td>$2,144</td>
</tr>
<tr>
<td>Resident tuition</td>
<td>6,536</td>
</tr>
<tr>
<td>Textbooks</td>
<td>1,575</td>
</tr>
<tr>
<td>Approximate Total</td>
<td>$10,285</td>
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</table>

<table>
<thead>
<tr>
<th>Prefix Number</th>
<th>Course Title</th>
<th>Credit Hrs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Summer Term</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NUR 2003C</td>
<td>Transition to Professional Nursing</td>
<td>8</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Prefix Number</th>
<th>Course Title</th>
<th>Credit Hrs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fall Term</td>
<td></td>
<td></td>
</tr>
<tr>
<td>* NUR 2209C</td>
<td>Medical-Surgical Nursing for Adults and Children II</td>
<td>10</td>
</tr>
<tr>
<td>NUR 2931</td>
<td>Selected Topics in Nursing</td>
<td>2</td>
</tr>
<tr>
<td>~**</td>
<td>Humanities Elective (GE)</td>
<td>3</td>
</tr>
</tbody>
</table>
SFSC

**NUR 2404C** Nursing Care of Parents and Infants          3
**NUR 2502C** Nursing Care for Community and Mental Health              3
**NUR 2801C** Comprehensive Nursing Practicum Experience (GE) 6

* Check the course descriptions for prerequisites.
** It is your responsibility to meet with the instructional supervisor or counselor to select the proper course to fulfill this requirement.
~ Must earn a grade of C or higher.

NOTES:

• Computer competency and Fundamentals of Speech Communication general education requirements are covered within the nursing curriculum for the associate degree.

• Completion of a Practical Nursing Program shall articulate ten (10) college credit hours to the A.S. Degree in Registered Nursing per Florida Department of Education PSAV to A.S. Degree Articulation Statewide Agreement (DOE, 2010).

OFFICE ADMINISTRATION
ASSOCIATE IN SCIENCE
Program Code: 1630

Description of Program: This A.S. degree prepares you for employment as an office clerk, administrative assistant, electronic publisher, data entry specialist, information processing assistant, software applications specialist, word processing specialist, office systems specialist, and/or office systems manager. Course content includes, but is not limited to, development of basic skills in preparing business letters, special communication forms, tabulated reports, general business terminology, basics of integrated accounting systems, and an introduction to microcomputers (see Office Management, College Credit Certificate).

Length: 60 credit hours

Prefix Number Course Title Credit Hrs.

Fall Term
^ ENC 1101 Freshman English I (GE) 3
OST 1100C Introduction to College Keyboarding 3
OST 1581 Professional Development in the Workplace 3
SLS 1106 First-Year Experience Seminar 1
SPC 2608 Fundamentals of Speech Communication (GE) 3

Spring Term
^ MAC 1105 College Algebra (GE) 3
* OST 1713C Word Processing using MS Word 3
OST 2335 Business Communications 3
ACG 2001 Financial Accounting I or 3
ACG 2021 Financial Accounting 12

Summer Term
CGS 1100C Introduction Microcomputers using Windows (GE) 3
** Humanities Elective (GE) 3

Fall Term
GEB 1011 Introduction to Business 3
MAN 2021 Principles of Management 3
OST 1355 Records Management 3
OST 1829C Presentation Expert Skills 3

Spring Term
* ACG 2450C Accounting for the Microcomputer 3
* CGS 2540C Introduction to Database Management 3
OST 2321C Office Equipment and Procedures 3
* OST 2852 Excel for the Office 3

Summer Term
OST 2949 Work Experience 2-3
PSY 2012 Introduction to Psychology or (GE) 3
SYG 2000 General Sociology (GE) 3

* Check the course descriptions for prerequisites.
** It is your responsibility to meet with the instructional supervisor or counselor to select the proper course to fulfill this requirement.
^ It may be necessary to first enroll in a lower level English, math, or reading course depending on college placement test scores.

RADIOGRAPHY
ASSOCIATE IN SCIENCE
Program Code: 1650

Description of Program: The A.S. in Radiography prepares you as a skilled professional radiographer through a curriculum that includes both classroom and clinical instruction. As a student in this technology, you are educated in utilizing X-ray equipment and techniques, proper patient positioning, radiation protection methodologies, and quality patient care. As a member of the medical imaging team, the radiologic technologist produces quality, diagnostic images that are interpreted by a radiologist - a physician who specializes in medical imaging. As a radiographer, you may find employment in hospitals and clinics, physician’s offices, government and industrial facilities, and medical laboratories. The SFSC Radiography program is accredited by the Joint Review Committee on Education in Radiologic Technology, 20 North Wacker Drive, Suite 2850, Chicago, IL 60606-3182 at 312-704-5300 or mail@jrcert.org.

This is a limited access program. Admission to this program occurs once per year. Online applications will be accepted until the posted deadline date at 11:59 p.m. Visit southflorida.edu/healthsciences for important application information and deadlines.
APPLICATION REQUIREMENTS

In addition to the admission requirements of the College, the following are requirements for admission to the Radiography Program:

1. Satisfactory completion of any remedial coursework needed to be eligible for college-level courses.
2. Completion of the three prerequisite courses with a grade of C or higher by the end of the spring term. Laboratory science courses must have been completed within five years prior to application. The three prerequisite courses are:

Prefix Number Course Title Credit Hrs.
BSC 1085C Human Anatomy and Physiology I (GE) 4
*^ ENC 1101 Freshman English I (GE) 3
*^ MAC 1105 College Algebra or equivalent (GE) 3

* Check the course descriptions for prerequisites.
^ It may be necessary to first enroll in a lower level English, math, or reading course depending on college placement test scores.

NOTE: You must earn a grade of C or higher in each of the courses listed above.

3. A completed Radiography Program online application (separate from the College’s application).

ADMISSION PROCEDURES

You are responsible for following the admission procedures and for ensuring your records are complete in the Admissions, Registration, and Records Office. No application will be considered unless it is complete.

I. Submit the following to apply to the program:
   A. Completed online SFSC Admissions Application, select Radiography major/program.
   B. Official high school transcript.
   C. Official transcript from each postsecondary institution attended.

II. Once accepted into the program, you will receive instructions to complete the following:
   A. Physical health exam and a record of immunizations from a licensed physician or nurse practitioner (forms will be provided after acceptance into the program).
   B. Florida Department of Law Enforcement fingerprinting (will be scheduled prior to enrollment).
   C. Ten-panel drug screen.
   D. You will be required to submit program documentation through a third party compliance company throughout the program.

NOTE: Failure to complete these requirements will result in loss of enrollment into the program.

SELECTION CRITERIA AND PROCESS

Acceptance to the Radiography Program is competitive. The higher your GPA in the three prerequisite courses, the better the chance of being selected for the program:

1. A 2.75 GPA or higher must have been maintained in the 10 credit hours of prerequisites.
2. Selection of the 12 students will be based upon those with the highest GPA in the three prerequisites.
3. Satisfactory physical examination as certified by a licensed health care provider. Certification of satisfactory health and immunizations are requirements for admission to the radiography program.
4. You will not be able to register until all documentation is submitted.
5. Residence in service district for one year immediately prior to the time of application.

In the event there are two or more applicants with identical GPAs, the following criteria will be used as a tiebreaker (If you have the highest combined GPA, including completed general education courses, you will be selected):

Prefix Number Course Title Credit Hrs.
BSC 1086C Human Anatomy and Physiology II (GE) 4
CGS 1100C Introduction to Microcomputers using Windows (GE) 3
MCB 2010C Microbiology (GE) 4
PSY 2012 Introduction to Psychology (GE) 3
Humanities Elective (GE) 3

GENERAL INFORMATION

SFSC reserves the right to deny admission to you if you lack the required qualifications for the Radiography Program. You must reapply if you wish to be considered for a future class. Each class is selected from a new applicant pool.

1. Completion of all or part of the general education courses required in the degree does not guarantee acceptance into the program.
2. Expenses (approximate) incurred upon acceptance to the program include a Level II background screening, a 10-panel drug screen, CPR certification, and online document manager.
3. Some clinical education settings will not allow individuals with certain types of criminal history into their facilities. This may deny entrance into the program because such individuals would not be able to successfully complete the clinical education portions of the radiography program. A criminal history may also prevent you from becoming registered by the American Registry of Radiologic Technologists (ARRT). For additional information regarding your status, contact the American Registry of Radiologic Technologists (ARRT) at 651-687-0048, ext. 8580 or arrt.org.
Length: 77 credit hours

<table>
<thead>
<tr>
<th>Prefix Number</th>
<th>Course Title</th>
<th>Credit Hrs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fall Term</td>
<td></td>
<td></td>
</tr>
<tr>
<td>* HSC 1230C</td>
<td>Methods of Patient Care</td>
<td>3</td>
</tr>
<tr>
<td>* MCB 2010C</td>
<td>Microbiology</td>
<td>(GE) 4</td>
</tr>
<tr>
<td>* RTE 1418C</td>
<td>Principles of Radiography I</td>
<td>2</td>
</tr>
<tr>
<td>* RTE 1503C</td>
<td>Radiographic Procedures I</td>
<td>4</td>
</tr>
<tr>
<td>Spring Term</td>
<td></td>
<td></td>
</tr>
<tr>
<td>* BSC 1086C</td>
<td>Human Anatomy and Physiology II (GE)</td>
<td>4</td>
</tr>
<tr>
<td>* RTE 1458</td>
<td>Principles of Radiography II</td>
<td>2</td>
</tr>
<tr>
<td>* RTE 1513C</td>
<td>Radiographic Procedures II</td>
<td>4</td>
</tr>
<tr>
<td>* RTE 1814L</td>
<td>Radiography Clinical Education I</td>
<td>2</td>
</tr>
<tr>
<td>Summer Term</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CGS 1100C</td>
<td>Introduction to Microcomputers using Windows (GE)</td>
<td>3</td>
</tr>
<tr>
<td>* RTE 1523C</td>
<td>Radiographic Procedures III</td>
<td>4</td>
</tr>
<tr>
<td>* RTE 1824L</td>
<td>Radiography Clinical Education II</td>
<td>2</td>
</tr>
<tr>
<td>* RTE 2563</td>
<td>Principles of Radiography III</td>
<td>3</td>
</tr>
<tr>
<td>Fall Term</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PSY 2012</td>
<td>Introduction to Psychology (GE)</td>
<td>3</td>
</tr>
<tr>
<td>* RTE 2609C</td>
<td>Principles of Radiography IV</td>
<td>2</td>
</tr>
<tr>
<td>* RTE 2763C</td>
<td>Introduction to Sectional Anatomy and Computed Tomography</td>
<td>4</td>
</tr>
<tr>
<td>* RTE 2834L</td>
<td>Radiography Clinical Education III</td>
<td>3</td>
</tr>
<tr>
<td>Spring Term:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>* RTE 2385</td>
<td>Radiation Biology and Protection</td>
<td>3</td>
</tr>
<tr>
<td>* RTE 2782</td>
<td>Radiographic Pathology</td>
<td>3</td>
</tr>
</tbody>
</table>

* RTE 2844L Radiography Clinical Education IV 3
** Humanities Elective (GE) 3

Summer Term:
* RTE 2061 Radiographic Seminar 3
* RTE 2854L Radiography Clinical Education V 3

* Check the course descriptions for prerequisites.
** It is your responsibility to meet with the director or the Advising and Counseling Center to select the proper course(s) to fulfill this requirement.

NOTES:
- You must earn a grade of 75% or higher on all RTE and HSC courses.
- Fundamentals of Speech Communication general education requirement is covered within the radiography curriculum.

APPROXIMATE PROGRAM COSTS

<table>
<thead>
<tr>
<th>Item</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Admission fee</td>
<td>$15</td>
</tr>
<tr>
<td>Background check/drug screen/document manager</td>
<td>$132</td>
</tr>
<tr>
<td>CPR</td>
<td>$65</td>
</tr>
<tr>
<td>Graduation fee</td>
<td>$15</td>
</tr>
<tr>
<td>Lab fees</td>
<td>$602</td>
</tr>
<tr>
<td>Medical costs (varies by provider)</td>
<td>$500</td>
</tr>
<tr>
<td>Textbooks</td>
<td>$662</td>
</tr>
<tr>
<td>Tuition</td>
<td>$7,063</td>
</tr>
<tr>
<td>Approximate Total</td>
<td>$9,054</td>
</tr>
</tbody>
</table>
CERTIFICATE AND APPRENTICESHIP PROGRAMS

College Credit Certificate and Career Certificate Programs
Apprenticeship Programs
Program Offerings by Location
Program Guides

College Credit Certificates (C.C.C.)

- Accounting Applications
- Automation
- Business Management
- CNC Machinist/Fabricator
- Computer Programming
- Emergency Medical Technician
- Engineering Technology Support Specialist
- Graphic Design Support
- Health Care Services
- Landscape and Horticulture Professional
- Landscape and Horticulture Technician
- Lean Manufacturing
- Mechatronics
- Medical Office Management
- Network Security
- Office Management
- Paramedic
- Pneumatics, Hydraulics and Motors for Manufacturing

Career Certificates (C.C.)

- Administrative Office Specialist
- Advanced Manufacturing and Production Technology
- Applied Cybersecurity
- Automotive Collision Technology Technician
- Automotive Service Technology
- Auxiliary Law Enforcement Officer
- Business Management and Analysis
- Computer Systems and Information Technology
- Correctional Officer
- Correctional to Law Enforcement (Crossover)
- Cosmetology
- Dental Assistant
- Electrical Lineworker
- Electronic Technology
- Fire Fighter I/II
- Heating, Ventilation, Air Cond./Refrigeration (HVAC/R)
- Home Health Aide
- Law Enforcement (Basic)
- Law Enforcement to Correctional (Crossover)
- Medical Administrative Specialist
- Medical Assisting
- Network Support Services
- Nursing (Practical)
- Phlebotomy
- Professional Culinary Arts and Hospitality
- Public Safety Telecommunication

Apprenticeships (APP)

- Commercial Air Conditioning
- Electrical
- Electrical Lineman
- Plumbing Technology
College Credit Certificate and Career Certificate Programs

SFSC offers numerous certificate programs that will prepare you for immediate employment. There are two types of certificate programs: career and college credit. Career Certificate (C.C.) programs consist of a series of hands-on vocational courses that will prepare you for entry-level employment in specific career fields. These programs are offered in the clock-hour format and vary in length from 40 hours to more than 1,500 hours. Career programs are for you, if you can spend three to six hours a day, five days a week, learning a skill. Details of each program are listed in the section describing programs. Part-time attendance is possible in certain programs. If you do not meet all the requirements of a program, you might have to spend additional time at the College. If needed, SFSC can provide special assistance toward completing your program. In contrast, college credit certificate (C.C.C.) programs include a series of college credit courses that will prepare you for entry-level employment in specific fields or for career advancement. College Credit Certificate programs can generally be completed in one year or less and are part of an Associate in Science (A.S.) degree, which may be pursued later. Additional program information may be obtained from a counselor or advisor.

NOTES:
1. You must meet the general admissions requirements of the College and other requirements as specified in program guides. Waivers of requirements are possible.
2. Many certificate programs have limited enrollment due to the size of lab and instructional facilities.

COLLEGE CREDIT CERTIFICATE PROGRAMS (COMPLETION REQUIREMENTS) - Candidates for college credit certificate programs must:

1. Complete all required courses.
2. Earn a cumulative GPA of 2.0 or above in the program.
3. Complete a minimum of 25% of the credit hours required in the program at SFSC.
4. Apply for graduation and pay the graduation fees.

For graduation (commencement) ceremony procedures, see the “Student Information” section of this College Catalog.

FEE INFORMATION - See the section on Fees and Refunds in the current Schedule of Classes publication.

Career Certificate Programs (Completion Requirements) - Candidates for career certificate programs must:

1. Complete all competencies in your designated program with a minimum 2.0 average GPA.
2. Pass the Test of Adult Basic Education (TABE®) at the level designated for your individual program (levels differ by program) or be exempt.
3. Complete a minimum of 25% of the occupational hours required in the program at SFSC.

Apprenticeship Programs

Apprenticeship programs are selective admission programs restricted to individuals who are employed in either the air conditioning, plumbing, or electrical industry and are working for a participating employer. Prospective students who are currently working for a participating employer in these areas are encouraged to apply for selection to the appropriate Apprenticeship Committee before August of each year. For more information, call 863-784-7278.
## Certificate Programs

<table>
<thead>
<tr>
<th>Program</th>
<th>Highlands Campus</th>
<th>DeSoto Campus</th>
<th>Hardee Campus</th>
<th>The Hotel Jacaranda</th>
<th>Online*</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Accounting</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Accounting Applications - C.C.C.</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td>X</td>
</tr>
<tr>
<td><strong>Agriculture</strong></td>
<td></td>
<td></td>
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<td></td>
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<tr>
<td>Landscape and Horticulture Professional - C.C.C.</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Landscape and Horticulture Technician - C.C.C.</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Automotive</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Automotive Collision Technology Technician - C.C.</td>
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<td>Automotive Service Technology - C.C.</td>
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<tr>
<td><strong>Business</strong></td>
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<tr>
<td>Business Management - C.C.C.</td>
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<td>Business Management and Analysis - C.C.</td>
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<tr>
<td><strong>Commercial A/C</strong></td>
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<tr>
<td>Heating, Ventilation, Air Conditioning/Refrigeration - C.C.</td>
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<tr>
<td>Commercial Air Conditioning - APP</td>
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<tr>
<td><strong>Computer</strong></td>
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<td>Applied Cybersecurity - C.C.</td>
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<td>Computer Programming - C.C.C.</td>
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<td>Graphic Design Support - C.C.C.</td>
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<td>Network Security - C.C.C.</td>
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<td>Network Support Services - C.C.</td>
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<tr>
<td><strong>Construction</strong></td>
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<tr>
<td>Plumbing Technology - APP</td>
<td>X</td>
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<td><strong>Cosmetology</strong></td>
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<td>Cosmetology - C.C.</td>
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<td><strong>Criminal Justice</strong></td>
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<td>Auxiliary Law Enforcement Officer - C.C.</td>
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<td>Correctional Officer - C.C.</td>
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<td>Correctional to Law Enforcement (Crossover) - C.C.</td>
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<tr>
<td>Law Enforcement (Basic) - C.C.</td>
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<tr>
<td>Law Enforcement to Correctional (Crossover) - C.C.</td>
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<td>Public Safety Telecommunication - C.C.</td>
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<td><strong>Culinary</strong></td>
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<td>Professional Culinary Arts and Hospitality - C.C.</td>
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<tr>
<td><strong>Dental Education</strong></td>
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<tr>
<td>Dental Assistant - C.C.</td>
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<td><strong>Electrical</strong></td>
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<tr>
<td>Electrical - APP</td>
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<tr>
<td>Electrical Lineman - APP</td>
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<tr>
<td>Electrical Lineworker - C.C.</td>
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</table>

* Online course offerings available for selected courses.
### Program Offerings by Location

#### Certificate Programs (continued)

<table>
<thead>
<tr>
<th>Program</th>
<th>Highlands Campus</th>
<th>DeSoto Campus</th>
<th>Hardee Campus</th>
<th>The Hotel Jacaranda</th>
<th>Online*</th>
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<tbody>
<tr>
<td><strong>Electronics</strong></td>
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<tr>
<td>Computer Systems and Information Technology - C.C.</td>
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<td>Electronic Technology - C.C.</td>
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<td><strong>Emergency Medical Services</strong></td>
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<td>Emergency Medical Technician - C.C.C.</td>
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<tr>
<td>Paramedic - C.C.C.</td>
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<td><strong>Fire Science</strong></td>
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<td>Fire Fighter I/II - C.C.</td>
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<td><strong>Health Science</strong></td>
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<td>Health Care Services - C.C.C.</td>
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<tr>
<td>Home Health Aide - C.C.</td>
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<tr>
<td>Medical Assisting - C.C.</td>
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<tr>
<td>Phlebotomy - C.C.</td>
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<tr>
<td><strong>Manufacturing</strong></td>
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<tr>
<td>Advanced Manufacturing and Production Technology - C.C.</td>
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<tr>
<td>Automation - C.C.C.</td>
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<tr>
<td>CNC Machinist/Fabricator - C.C.C.</td>
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<tr>
<td>Engineering Technology Support Specialist - C.C.C.</td>
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<tr>
<td>Lean Manufacturing - C.C.C.</td>
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<tr>
<td>Mechatronics - C.C.C.</td>
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<tr>
<td>Pneumatics, Hydraulics and Motors for Manufacturing - C.C.C.</td>
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<tr>
<td><strong>Nursing Education</strong></td>
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<tr>
<td>Nursing (Practical) - C.C.</td>
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<tr>
<td><strong>Office Administration/Management</strong></td>
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<tr>
<td>Administrative Office Specialist - C.C.</td>
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<tr>
<td>Medical Administrative Specialist - C.C.</td>
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<tr>
<td>Medical Office Management - C.C.C.</td>
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<tr>
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</tbody>
</table>

* Online course offerings available for selected courses.
ACCOUNTING APPLICATIONS
COLLEGE CREDIT CERTIFICATE
Program Code: 3010

**Description of Program:** The Accounting Applications certificate prepares you for employment as a bookkeeper, small business assistant, accounts receivable/payable clerk, or an accountant's assistant in a small business. You will also learn financial accounting principles and procedures, basic operation and use of microcomputers, an overview of business operations, and business communications. Some credits will articulate directly toward the A.S. degree in Accounting Technology (Program #1580).

**Length:** 27 credit hours

<table>
<thead>
<tr>
<th>Prefix Number</th>
<th>Course Title</th>
<th>Credit Hrs.</th>
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<tbody>
<tr>
<td><strong>Fall Term</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>+ ACG 2001</td>
<td>Financial Accounting I or</td>
<td>3</td>
</tr>
<tr>
<td>+ ACG 2021</td>
<td>Financial Accounting</td>
<td>3</td>
</tr>
<tr>
<td>CGS 1100C</td>
<td>Introduction to Microcomputers using Windows</td>
<td>(GE) 3</td>
</tr>
<tr>
<td>*^ MAC 1105</td>
<td>College Algebra or higher level math</td>
<td>3</td>
</tr>
<tr>
<td>OST 2335</td>
<td>Business Communications</td>
<td>3</td>
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<td>12</td>
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<tr>
<td><strong>Spring Term</strong></td>
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<tr>
<td>*+ ACG 2011</td>
<td>Financial Accounting II</td>
<td>3</td>
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<tr>
<td>* ACG 2071</td>
<td>Managerial Accounting</td>
<td>3</td>
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<tr>
<td>* ACG 2450C</td>
<td>Accounting for the Microcomputer</td>
<td>3</td>
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<td>**</td>
<td>Accounting/Finance Elective</td>
<td>3</td>
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<tr>
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<tr>
<td><strong>Summer Term</strong></td>
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<td></td>
</tr>
<tr>
<td>GEB 1011</td>
<td>Introduction to Business</td>
<td>3</td>
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<td></td>
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<tr>
<td><strong>Accounting/Finance Electives:</strong></td>
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<tr>
<td>* ACG 2100</td>
<td>Intermediate Accounting I</td>
<td>3</td>
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<tr>
<td>* ACG 1949</td>
<td>Co-op Education Training Assignment in Accounting</td>
<td>1-3</td>
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<tr>
<td>* ACG 2949</td>
<td>Co-op Education Training Assignment in Accounting</td>
<td>1-3</td>
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<tr>
<td>* APA 2136</td>
<td>Bookkeeping Certification Preparation</td>
<td>3</td>
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<tr>
<td>FIN 1100</td>
<td>Personal Finance</td>
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<tr>
<td>TAX 2000</td>
<td>Personal Income Tax</td>
<td>3</td>
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</tbody>
</table>

* Check the course descriptions for prerequisites.

**AUTOMATION
COLLEGE CREDIT CERTIFICATE
Program Code: 3086

**Description of Program:** This certificate program prepares you for engineering technology support positions dealing with programmable logic controllers (PLCs), automation, and control systems in high-tech production, manufacturing, distribution, and engineering research and development facilities. Program credits may articulate towards the A.S. degree in Engineering Technology (Program #1760).

**Length:** 12 credit hours

<table>
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<tr>
<th>Prefix Number</th>
<th>Course Title</th>
<th>Credit Hrs.</th>
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<tr>
<td>ETI 1843</td>
<td>Motors and Controls</td>
<td>3</td>
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<tr>
<td>* ETS 1542</td>
<td>Introduction to Programmable Logic Controllers</td>
<td>3</td>
</tr>
<tr>
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<tr>
<td><strong>Spring Term</strong></td>
<td></td>
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<tr>
<td>* ETS 1535</td>
<td>Automated Process Control</td>
<td>3</td>
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<tr>
<td>* ETS 2604</td>
<td>Robotics Applications</td>
<td>3</td>
</tr>
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<td>6</td>
</tr>
</tbody>
</table>
| * Check the course descriptions for prerequisites.

**BUSINESS MANAGEMENT
COLLEGE CREDIT CERTIFICATE
Program Code: 3070

**Description of Program:** The certificate in Business Management provides you with the necessary background to train you as a management assistant. Course content includes, but is not limited to, financial accounting principles and procedures, basic operations and use of microcomputers, an overview of business operations and business communications. Some credits will articulate directly toward the A.S. degree in Business Administration (Program #1510).

**Length:** 24 credit hours

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<td><strong>Fall Term</strong></td>
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<tr>
<td>ACG 2001</td>
<td>Financial Accounting I</td>
<td>3</td>
</tr>
<tr>
<td>CGS 1100C</td>
<td>Introduction to Microcomputers using Windows</td>
<td>(GE) 3</td>
</tr>
</tbody>
</table>
**CNC MACHINIST/FABRICATOR**

**COLLEGE CREDIT CERTIFICATE**

**Program Code: 3088**

**Description of Program:** This certificate program is designed for you if you have an interest in manufacturing and machining or for professionals already working in the field who want to advance their career and increase earning potential by attaining certification as a Computer Numerical Control (CNC) Machinist/Fabricator. It is aligned with the Manufacturing Skill Standards Council (MSSC) Certified Production Technician (CPT) certification. Program credits may articulate toward the A.S. degree in Engineering Technology (Program #1760).

**Length:** 12 credit hours

<table>
<thead>
<tr>
<th>Prefix Number</th>
<th>Course Title</th>
<th>Credit Hrs.</th>
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<tr>
<td>Fall Term</td>
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<tr>
<td>* ETD 2364C</td>
<td>Introduction to SOLIDWORKS</td>
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<td># ETI 1420</td>
<td>Manufacturing Processes and Materials</td>
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<tr>
<td>Spring Term</td>
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<tr>
<td>* PMT 1250C</td>
<td>Computer Numerical Control (CNC) I</td>
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<tr>
<td>Summer Term</td>
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<tr>
<td>* PMT 2254C</td>
<td>Computer Numerical Control (CNC) II</td>
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</tbody>
</table>

* Check the course descriptions for prerequisites.
# Completion of the MSSC CPT certificate satisfies this requirement.

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**COMPUTER PROGRAMMING**

**COLLEGE CREDIT CERTIFICATE**

**Program Code: 3020**

**Description of Program:** The Computer Programming certificate prepares you as an entry-level information technology specialist in the microcomputer environment. A variety of programming languages and software applications courses are available, so you may individualize the program depending on your personal career interests. Hands-on computer experience is emphasized throughout the program. All credits will articulate directly toward the A.S. degree in Computer Programming and Analysis (Program #1610).

**Length:** 33 credit hours

<table>
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<th>Course Title</th>
<th>Credit Hrs.</th>
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<tr>
<td>Fall Term</td>
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<tr>
<td>+ CGS 1100C</td>
<td>Introduction to Microcomputers using Windows</td>
<td>3</td>
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<tr>
<td>* COP 2170C</td>
<td>Principles of Computer Programming</td>
<td>3</td>
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<td>Business Communications</td>
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<tr>
<td>**# MAC 1105</td>
<td>College Algebra or</td>
<td></td>
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<td></td>
<td>MTB 1103 Business Mathematics using Spreadsheets</td>
<td>3</td>
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<tr>
<td>Spring Term</td>
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<tr>
<td>* CGS 2565C</td>
<td>Principles of Computer Info Systems</td>
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<td>GEB 2430</td>
<td>Business Ethics</td>
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<td>** Programming/Applications Electives</td>
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<td>** Programming/Applications Electives</td>
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</table>

**Programming/Applications Electives:**

<table>
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<tr>
<th>Prefix Number</th>
<th>Course Title</th>
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<tbody>
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<tr>
<td>* COP 2171C</td>
<td>Advanced Programming Techniques</td>
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<tr>
<td>* COP 2224</td>
<td>Introduction to C++ Programming</td>
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</tr>
<tr>
<td>* COP 2228</td>
<td>Advanced C++ Programming</td>
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<tr>
<td>* COP 2250</td>
<td>Java Programming</td>
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<tr>
<td>COP 2930</td>
<td>Selected Topics in Computer Programming</td>
<td>1-4</td>
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<td>GEB 2430</td>
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<td>3</td>
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<tr>
<td>MTB 1103</td>
<td>Business Mathematics using Spreadsheets</td>
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<tr>
<td>Spring Term</td>
<td></td>
<td></td>
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<tr>
<td>* CGS 2510C</td>
<td>Networking Courses</td>
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<tr>
<td>* CGS 2540C</td>
<td>Introduction to Database Management</td>
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<td>CGS 2820</td>
<td>Introduction to Web Design</td>
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<tr>
<td>CGS 2930</td>
<td>Selected Topics in Computers General Studies</td>
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<tr>
<td>CIS 2930</td>
<td>Selected Topics in Computer Science</td>
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<td>Co-op Ed. Training Assignment in Computer Systems</td>
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<tr>
<td>Summer Term</td>
<td></td>
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</tr>
<tr>
<td>** Programming/Applications Electives</td>
<td></td>
<td>6</td>
</tr>
<tr>
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<td>6</td>
</tr>
</tbody>
</table>

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* Check the course descriptions for prerequisites.
* Check the course descriptions for prerequisites.
** It is your responsibility to meet with the instructional supervisor or counselor to select the proper course to fulfill this requirement.
^ It may be necessary to first enroll in a lower level math course depending on college placement test scores.
# MAC 1105 College Algebra is highly recommended.
+ If you do not have basic keyboarding skills, it is suggested that you take OST 1100C Introduction to College Keyboarding as the elective course in the first term.

VI. In addition, if you are admitted to the program, you are required to sign the following documents:

A. Statement to the effect that, to the best of your knowledge, you do not have any physical and/or mental condition that would interfere with your ability to perform the required EMT responsibility.
B. Compliance Agreements. This is required to ensure that you are informed of the rights to which you are entitled according to standard College policy as well as program policies.
C. Rescue/Injury Release form. This form is required to ensure that you are aware and have been informed that the clinical portion may result in your injury, death, or illness.
D. Immunization declination form(s), only if required immunizations have not been completed.

VII. Complete the Emergency Medical Responder course (one credit).

GENERAL INFORMATION

1. Completed packets are date stamped upon receipt and a priority number is issued to your application based on the date the packet is received.

2. One month prior to the beginning of the class, you will be notified, based on your priority number, of registration dates and procedures. (If you do not register by the specified date, you forfeit your priority number.)

3. Submit to a 10-panel drug screening.

NOTE: The College reserves the right to deny admission to you, if you lack the necessary qualifications to the EMT Program.

Length: 12 credit hours / .40 occupational credits

<table>
<thead>
<tr>
<th>Prefix Number</th>
<th>Course Title</th>
<th>Credit Hrs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>EMS 1119</td>
<td>Emergency Medical Technician I</td>
<td>7</td>
</tr>
<tr>
<td>EMS 1119L</td>
<td>Emergency Medical Technician I Lab</td>
<td>4</td>
</tr>
<tr>
<td>EMS 2421</td>
<td>Emergency Medical Technician Practicum</td>
<td>1</td>
</tr>
</tbody>
</table>

Description of Program: The Emergency Medical Technician College Credit Certificate is a limited access program and designed to train you to become an Emergency Medical Technician. This program is approved by the Florida Department of Education and the Florida Department of Health. Upon completion, you will be eligible to apply to take the State certification examination. Some weekend hours are required for clinical practice. Program content includes, but is not limited to, anatomy, cardiac care, medical emergencies, emergency childbirth, poisoning, shock, respiratory emergencies, and psychological emergencies.

ADMISSION REQUIREMENTS

The following entrance criteria must be fulfilled and submitted to the EMT Training Center a minimum of one month prior to the scheduled class start date:

I. Eighteen years of age or older. You must provide copy of current driver’s license.

II. A high school/GED graduate (provide high school transcript, showing graduation with high school/GED scores).

III. Physical examination. Have the College approved physical exam form completed and returned.

IV. EMS Programs immunization and health history forms completed and negative finding on a tuberculosis skin test (or negative finding on chest X-Ray) returned to the EMS Programs Office.

V. Provide proof of current Cardio Pulmonary Resuscitation (CPR) training. Training must be completed at the “Professional Rescuer” level from one of the following agencies: American Heart Association (AHA), American Red Cross (ARC), or American Safety and Health Institute (ASHI).
### ENGINEERING TECHNOLOGY SUPPORT SPECIALIST
**COLLEGE CREDIT CERTIFICATE**
*Program Code: 3090*

**Description of Program:** This certificate program prepares you for entry level technical jobs in high-tech production, manufacturing, distribution, and engineering research and development facilities. It is aligned with the Manufacturing Skill Standards Council (MSSC) Certified Production Technician (CPT) certification. Program credits articulate directly into the A.S. degree in Engineering Technology (Program #1760).

**Length:** 18 credit hours

<table>
<thead>
<tr>
<th>Prefix Number</th>
<th>Course Title</th>
<th>Credit Hrs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fall Term</td>
<td></td>
<td></td>
</tr>
<tr>
<td># ETI 1110</td>
<td>Introduction to Quality Assurance</td>
<td>3</td>
</tr>
<tr>
<td># ETI 1701</td>
<td>Industrial Safety (OSHA)</td>
<td>3</td>
</tr>
<tr>
<td>Spring Term</td>
<td></td>
<td></td>
</tr>
<tr>
<td>* ETD 1320C</td>
<td>Introduction to AutoCAD</td>
<td>3</td>
</tr>
<tr>
<td>* ETM 1010C</td>
<td>Mechanical Measurement and Instrumentation</td>
<td>3</td>
</tr>
</tbody>
</table>

* Check the course description for prerequisites.
# Completion of the MSSC CPT certificate satisfies this requirement.

**NOTE:** Upon completion of the core course requirements of the AS degree Engineering Technology, you will be awarded this college certificate.

### GRAPHIC DESIGN SUPPORT
**COLLEGE CREDIT CERTIFICATE**
*Program Code: 3022*

**Description of Program:** The Graphic Design Support certificate offers basic preparation for a career as an assistant graphic designer. You will learn introductory graphic design concepts and theory, and acquire skills in image editing and graphic layout, photo enhancement, graphic illustration, typography, color theory, and publishing techniques. You will also become proficient in web design/programming (HTML/CSS). Communication and employability skills are emphasized throughout the program. This program is designed to be completed in one academic year; you can begin in either the fall or spring term. The program is designed to be fully transferable into the A.S. degree in Computer Programming and Analysis (#1610) program.

**Length:** 15 credit hours

<table>
<thead>
<tr>
<th>Prefix Number</th>
<th>Course Title</th>
<th>Credit Hrs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fall Term</td>
<td></td>
<td></td>
</tr>
<tr>
<td>* COP 2810</td>
<td>Programming for the Internet</td>
<td>3</td>
</tr>
<tr>
<td>GEB 2430</td>
<td>Business Ethics</td>
<td>3</td>
</tr>
<tr>
<td>OST 2335</td>
<td>Business Communications</td>
<td>3</td>
</tr>
<tr>
<td>Spring Term</td>
<td></td>
<td></td>
</tr>
<tr>
<td>* CTS 2210</td>
<td>Introduction to Digital Graphics</td>
<td>3</td>
</tr>
<tr>
<td>* DIG 2000C</td>
<td>Digital Media and Design</td>
<td>3</td>
</tr>
</tbody>
</table>

* Check the course descriptions for prerequisites.

### HEALTH CARE SERVICES
**COLLEGE CREDIT CERTIFICATE**
*Program Code: 3100*

**Description of Program:** This certificate program prepares you for employment as a health service supervisor, health service manager, or to provide you with supplemental training in a previous or current health occupation. You will learn leadership and supervisory skills, laws and regulations pertaining to health care facilities and agencies, organizational structure of health care facilities, budgeting and fiscal management, making employee assignments and scheduling, legal aspects of health care, health and safety including CPR and employability skills. Program credits articulate directly into the A.S. degree in Health Services Management (Program #1770).

**Length:** 32 credit hours

<table>
<thead>
<tr>
<th>Prefix Number</th>
<th>Course Title</th>
<th>Credit Hrs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fall Term</td>
<td></td>
<td></td>
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<tr>
<td>ACG 2001</td>
<td>Financial Accounting I</td>
<td>3</td>
</tr>
<tr>
<td>CGS 1100C</td>
<td>Introduction to Microcomputers using Windows</td>
<td>3</td>
</tr>
<tr>
<td>HIM 2012</td>
<td>Health Law Concepts and Practices</td>
<td>2</td>
</tr>
<tr>
<td>HIM 2223</td>
<td>Introduction to Coding and Reimbursement Systems</td>
<td>2</td>
</tr>
<tr>
<td>HSC 1532</td>
<td>Medical Terminology</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td></td>
<td>13</td>
</tr>
<tr>
<td>Spring Term</td>
<td></td>
<td></td>
</tr>
<tr>
<td>* BSC 1085C</td>
<td>Human Anatomy and Physiology I</td>
<td>(GE) 4</td>
</tr>
<tr>
<td>* CGS 2510C</td>
<td>Spreadsheet Applications</td>
<td>3</td>
</tr>
<tr>
<td>HIM 2510</td>
<td>Quality and Performance Improvement</td>
<td>2</td>
</tr>
<tr>
<td>HIM 2652</td>
<td>Electronic Health/Medical Record Systems</td>
<td>2</td>
</tr>
<tr>
<td>HSC 1149</td>
<td>General Pharmacology for Health Professionals</td>
<td>1</td>
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<tr>
<td></td>
<td></td>
<td>12</td>
</tr>
<tr>
<td>Summer Term</td>
<td></td>
<td></td>
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<tr>
<td>HSA 1100</td>
<td>Healthcare Delivery Systems</td>
<td>3</td>
</tr>
<tr>
<td>HSA 2001</td>
<td>Interprofessional Team-Based Healthcare</td>
<td>2</td>
</tr>
<tr>
<td>HSA 2182</td>
<td>Health Services Management Concepts</td>
<td>2</td>
</tr>
</tbody>
</table>

* Check the course descriptions for prerequisites.
LANDSCAPE AND HORTICULTURE PROFESSIONAL
COLLEGE CREDIT CERTIFICATE
Program Code: 3032

Description of Program: The purpose of this program is to prepare you for employment in the horticulture and landscape industries as nursery workers, landscape and groundskeeping workers, landscape or horticulture specialists, and farm, ranch, and other agricultural workers. Course content includes, but is not limited to, instruction pertaining to an understanding of plant physiology and growth, plant nutrition and fertilization, plant classification and identification, pest management, pruning and shaping plants, and employability skills. Some credits will articulate directly toward the A.S. degree in Landscape and Horticulture Technology (Program #1620).

Length: 18 credit hours

Prefix Number Course Title Credit Hrs.

Fall Term
HOS 1010 Introduction to Plant Science 3
* ORH 1010 Introduction to Horticulture 3
ORH 1220 Turfgrass Management 3
SWS 1102 Soils and Fertilization 3

Spring Term
AEB 2102 Principles of Agri-Business Management 3
FNR 1060 Environmental Science and Policy 3
FRC 1211 Citrus Culture 3
IPM 2671 Principles of Pest Management (Ornamental) 3
* LDE 2402 Landscape Design 3

* Check the course description for prerequisites.

NOTE: Many agriculture specific courses are conducted as web-enhanced independent studies. A mandatory orientation is held the first week of class.

LANDSCAPE AND HORTICULTURE TECHNICIAN
COLLEGE CREDIT CERTIFICATE
Program Code: 3034

Description of Program: The purpose of this program is to prepare you for employment in the horticulture and landscape industries as nursery worker, landscape and groundskeeping worker, landscape or horticulture professional, landscape supervisor, production and nursery supervisor, and horticulture technician. Course content includes, but is not limited to, instruction pertaining to an understanding of plant physiology and growth, plant nutrition and fertilization, plant classification and identification, pest management, pruning and shaping plants, maintenance of landscape plants, equipment maintenance, and employability skills. Some credits will articulate directly toward the A.S. degree in Landscape and Horticulture Technology (Program #1620).

Length: 30 credit hours

Prefix Number Course Title Credit Hrs.

Fall Term
AOM 1310 Agricultural Machinery and Equipment (Landscape) 3
HOS 1010 Introduction to Plant Science 3
* ORH 1010 Introduction to Horticulture 3
ORH 1220 Turfgrass Management 3
SWS 1102 Soils and Fertilization 3

Spring Term
AEB 2102 Principles of Agri-Business Management 3
FNR 1060 Environmental Science and Policy 3
FRC 1211 Citrus Culture 3
IPM 2671 Principles of Pest Management (Ornamental) 3
* LDE 2402 Landscape Design 3

* Check the course description for prerequisites.

NOTE: Many agriculture specific courses are conducted as web-enhanced independent studies. A mandatory orientation is held the first week of class.

LEARN MANUFACTURING
COLLEGE CREDIT CERTIFICATE
Program Code: 3092

Description of Program: This certificate program prepares you for engineering support positions dealing with quality systems and their implementation in high-tech production, manufacturing, distribution, and engineering research and development facilities. It is aligned with the Manufacturing Skill Standards Council (MSSC) Certified Production Technician (CPT) certification. Program credits may articulate towards the A.S. degree in Engineering Technology (Program #1760).

Length: 12 credit hours

Prefix Number Course Title Credit Hrs.

Fall Term
# ETI 1110 Introduction to Quality Assurance 3

Spring Term
* ETI 1622 Concepts of Lean and Six Sigma 3
ETI 1644 Production and Inventory Control 3
# ETM 1010C Mechanical Measurement and Instrumentation 3

* Check the course description for prerequisites.

# Completion of the MSSC CPT certificate satisfies this requirement.
MECHATRONICS
COLLEGE CREDIT CERTIFICATE
Program Code: 3094

Description of Program: The Mechatronics program is designed to prepare you to meet the ever-changing and increasingly complex manufacturing processes found in today’s advanced manufacturing workforce. Graduating from this program will prepare you to step into high-skill, high-wage positions such as a system operator and technician. This program provides technical skill proficiency and includes competency-based applied learning that contributes to academic knowledge, higher-order reasoning, problem-solving skills, work attitudes, general employability skills, technical skills, and occupation-specific skills and knowledge of all fundamental aspects of mechatronics. The content includes, but is not limited to, instruction in maintenance techniques, computer-aided drafting/design skills, technical communications, maintenance and operation of various industrial components, material handling protocols, and proper usage of tools and instrumentation. This program is aligned with the Manufacturing Skill Standards Council (MSSC) Certified Production Technician (CPT) industry certification. The Mechatronics C.C.C. can serve as either a terminal degree or transfer directly into the Associate in Science in Engineering Technology degree program, with specialization in Advanced Manufacturing.

Length: 30 credit hours

Prefix Number     Course Title                         Credit Hrs.

Fall Term
# ETI 1701 Industrial Safety (OSHA) 3
* ETS 2527 Electromechanical Components and Mechanisms 3
* ETS 2604 Robotics Applications 3

Spring Term
ETI 1843 Motors and Controls 3
ETM 2315 Hydraulics and Pneumatics 3

Fall Term
# EET 1084C Introduction to Electricity and Electronics 3
# ETI 1420 Manufacturing Processes and Materials 3
* ETS 1542 Introduction to Programmable Logic Controllers 3

Spring Term
* ETD 1320C Introduction to AutoCAD 3
# ETM 1010C Mechanical Measurement and Instrumentation 3

MEDICAL OFFICE MANAGEMENT
COLLEGE CREDIT CERTIFICATE
Program Code: 3062

Description of Program: This certificate is designed to train you for entry-level employment in a medical office, hospital, community health agency or clinic setting. Course content includes, but is not limited to, medical front office skills, keyboarding, medical terminology, medical insurance and billing, soft skills, and interview preparation. You will have an opportunity to extern in a medical office setting. You must pass each course with a C or higher.

Length: 34 credit hours

Prefix Number     Course Title                         Credit Hrs.

Fall Term
OST 1100C Introduction to College Keyboarding 3
OST 1581 Professional Development in the Workplace 3
* OST 1713C Word Processing using MS Word 3
OST 2253 Medical Terminology I 3
OST 2321C Office Equipment and Procedures 3

Spring Term
* HIM 1288 Health Care Coding and Diagnosis 3
* OST 1384 Customer Relations 3
* OST 2461 Medical Office Management 3
* OST 2463 Medical Insurance/Billing 3
* OST 2852 Excel for the Office 3

Summer Flex Session
** OST 2949 Work Experience 4

* Check the course descriptions for prerequisites.
** This course can only be taken after all courses in the program are completed.

NOTE: The course sequence is subject to change.

NETWORK SECURITY
COLLEGE CREDIT CERTIFICATE
Program Code: 3024

Description of Program: The Network Security college credit certificate will prepare you for the process of taking physical and software preventative measures to protect the underlying networking infrastructure from unauthorized access, misuse, malfunction, modification, destruction, or improper disclosure, thereby creating a secure platform for computers, users and programs to perform their permitted critical functions within a secure environment. Program credits articulate directly into the A.S. degree in Network Systems Technology (Program #1740).
### OFFICE MANAGEMENT

**COLLEGE CREDIT CERTIFICATE**  
Program Code: 3050

**Description of Program:** The Office Management certificate prepares you for entry-level employment in the office workplace as an administrative assistant, secretary, office specialist, or office clerk. Course content includes, but is not limited to, accounting principles, keyboarding, office equipment, and computer applications. Some credits will articulate directly toward an associate degree.

**Length:** 27 credit hours

<table>
<thead>
<tr>
<th>Prefix Number</th>
<th>Course Title</th>
<th>Credit Hrs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fall Term</td>
<td></td>
<td></td>
</tr>
<tr>
<td>GEB 1011</td>
<td>Introduction to Business</td>
<td>3</td>
</tr>
<tr>
<td>OST 1100C</td>
<td>Introduction to College Keyboarding</td>
<td>3</td>
</tr>
<tr>
<td>OST 1581</td>
<td>Professional Development in the Workplace</td>
<td>3</td>
</tr>
<tr>
<td>OST 1829C</td>
<td>Presentation Expert Skills</td>
<td>3</td>
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<tr>
<td>Spring Term</td>
<td></td>
<td></td>
</tr>
<tr>
<td>* OST 1713C</td>
<td>Word Processing using MS Word</td>
<td>3</td>
</tr>
<tr>
<td>OST 2321C</td>
<td>Office Equipment and Procedures</td>
<td>3</td>
</tr>
<tr>
<td>* OST 2852</td>
<td>Excel for the Office</td>
<td>3</td>
</tr>
<tr>
<td>ACG 2001</td>
<td>Financial Accounting I or</td>
<td>3</td>
</tr>
<tr>
<td>ACG 2021</td>
<td>Financial Accounting</td>
<td>3</td>
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<tr>
<td>Summer Term</td>
<td></td>
<td></td>
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<tr>
<td>OST 2335</td>
<td>Business Communication</td>
<td>3</td>
</tr>
</tbody>
</table>

* Check the course descriptions for prerequisites.

### PARAMEDIC

**COLLEGE CREDIT CERTIFICATE**  
Program Code: 3042

**Description of Program:** The college credit certificate in Paramedic trains you to provide emergency, out-of-hospital care under the direction of an emergency physician. Paramedics direct and manage patient care aspects of the emergency response team. The emergency response team is generally composed of public safety and community service agency personnel who respond to traffic accidents, and other life-threatening situations. The Paramedic program includes a three-term sequence of lecture, lab, hospital clinical and emergency medical services, clinical courses, and instruction. Instruction includes patient airway management, patient assessment, trauma emergencies, medical emergencies, assessment-based management, and ambulance operations. Credits will articulate directly toward the A.S. degree in Emergency Medical Services (Program #1660). The SFSC Emergency Medical Services program is accredited by the Commission on Accreditation of Allied Health Education Programs, 1361 Park Street, Clearwater, FL 33756, the Florida Department of Health, Bureau of Emergency Medical Services Professions, and Council on Accreditation Emergency Medical Services Program (CoAEMSP).

You must have current State of Florida certification as an Emergency Medical Technician or have completed the Emergency Medical Technician course from a State of Florida approved EMS training center. State of Florida certification is required prior to starting the second term of the Paramedic program. This is a limited access program; you must obtain authorization from the Emergency Medical Services program chairperson prior to registering for all or part of this program. Preference for admission will be given according to experience as an Emergency Medical Technician and educational achievement.

### ADMISSION REQUIREMENTS

The following entrance criteria must be fulfilled and submitted to the EMS Training Center a minimum of one month prior to the scheduled class start date:

I. Physical examination. Have the College-approved physical exam form completed and returned.

II. EMS Programs immunization and health history forms completed and negative finding on a Tuberculosis skin test (or negative finding on chest X-Ray) returned to the EMS Programs Office.
Ill. In addition, if you are admitted to the program, you are required to sign the following documents:

A. Statement to the effect that, to the best of your knowledge, you do not have any physical and/or mental conditions that would interfere with your ability to perform the required EMT responsibility.

B. Compliance Agreements. This is required to ensure that you are informed of the rights to which you are entitled according to standard College policy as well as program policies.

C. Rescue/Injury Release form. This form is required to ensure that you are aware and have been informed that the clinical portion may result in your injury, death, or illness.

D. Immunization declination form(s), if required immunizations have not been completed.

GENERAL INFORMATION

1. Completed packets are date stamped upon receipt and a priority number is issued to your application based on the date the packet is received as well as preference as noted above.

2. One month prior to the beginning of the class, you will be notified, based on your priority number, of registration dates and procedures. (If you do not register by the specified date, you forfeit your priority number.)

3. Submit to a 10-panel drug screening.

NOTE: The College reserves the right to deny admission to you, if you lack the necessary qualifications to the Paramedic Program.

Length: 42 credit hours

Prefix Number   Course Title                         Credit Hrs.
Fall Term
* EMS 1010C Anatomy for Paramedics                3
* EMS 1014 Paramedic Preparatory                    2
* EMS 1555 Paramedic Trauma Management              2
* EMS 1555L Paramedic Trauma Management Lab            1
* EMS 1600 Paramedic Fundamentals                   2
* EMS 1600L Paramedic Fundamentals Lab                2
* EMS 1641 Paramedic Clinical Experience I           2
* EMS 1681 Paramedic Special Considerations          2
* EMS 1681L Paramedic Special Considerations Lab      2
Spring Term
* EMS 1642 Paramedic Clinical Experience II          3
* EMS 1657 Paramedic Field Internship II             2
* EMS 1685 Paramedic Medical Emergencies             3
* EMS 1685L Paramedic Medical Emergencies Lab            2
* EMS 1686 Paramedic Special Emergencies             3
* EMS 1686L Paramedic Special Emergencies Lab            1
* EMS 1687 Paramedic Rescue Emergencies               1

Summer Term
* EMS 1616 Paramedic Patients with Special Needs      2
* EMS 1616L Paramedic Patients with Special Needs     2
* EMS 1658 Paramedic Field Internship III              3
* EMS 1687L Paramedic Rescue Emergencies Lab           2

* Check the course descriptions for prerequisites.

PNEUMATICS, HYDRAULICS AND MOTORS FOR MANUFACTURING
COLLEGE CREDIT CERTIFICATE
Program Code: 3096

Description of Program: This certificate program prepares you for engineering support positions dealing with facilities operation and maintenance in high-tech production, manufacturing, distribution, and engineering research and development facilities. It is aligned with the Manufacturing Skill Standards Council (MSSC) Certified Production Technician (CPT) certification. Program credits articulate directly into the A.S. degree in Engineering Technology (Program #1760).

Length: 12 credit hours

Prefix Number   Course Title                         Credit Hrs.
Fall Term
#  EET 1084C Introduction to Electricity and Electronics 3
#  ETI 1420 Manufacturing Processes and Materials          3
Spring Term
ETI 1843 Motors and Controls                           3
ETM 2315 Hydraulics and Pneumatics                      3

# Completion of the MSSC CPT Certificate satisfies this requirement.
**Description of Program:** This program prepares you for an office occupation such as a typist, payroll clerk, accounts payable/accounts receivable clerk, word processor, receptionist, file clerk, general office clerk, secretary, or administrative assistant. Course content includes, but is not limited to, accounting (elective), payroll, business communications, keyboarding, introduction to business trends, office equipment, transcription, fundamental basic office procedures, introduction to computers, work relations, and interpersonal skills. If you receive your Administrative Office Specialist career certificate, you may receive some credits toward a college credit certificate (Office Management, #3050). Consult your instructor.

**NOTE:** Successful completion of either Personal Career and School Development or Communication Methodologies in high school and passing a SFSC written exam with score of 80 or higher, based on the learning outcomes of OTA 0490L Personal Business Skills Lab, you will be awarded 48 contact hours and be exempt from having to take OTA 0490L.

**Class Meetings:** Classes meet Monday through Friday, 8 a.m. to 3 p.m.

**Length:** 1050 contact hours / 35 occupational credits

**Prefix Number** | **Course Title**                                      | **Contact Hrs.**
---|--------------------------------------------------------|---------------------
OCA 0604  | Occupational Desktop Publishing with PowerPoint       | 48                  
OCA 0604L | Occupational Desktop Publishing with PowerPoint Lab  | 48                  
OTA 0101  | Occupational Introductory Keyboarding                 | 48                  
OTA 0101L | Occupational Introductory Keyboarding Lab             | 48                  
OTA 0402  | Occupational Office Equipment and Procedures          | 48                  
OTA 0402L | Occupational Office Equipment and Procedures Lab      | 48                  
* OTA 0405| Occupational Files Management and Documents Processing| 48                  
* OTA 0405L | Occupational Files Management and Documents Processing Lab | 48               
OTA 0490  | Occupational Personal Business Skills                 | 48                  
OTA 0490L | Occupational Personal Business Skills Lab             | 48                  

**Spring Term**

* OCA 0301 Occupational Word Processing MS Word 48
* OCA 0301L Occupational Word Processing MS Word Lab 48
* OCA 0402 Occupational Spreadsheet Applications 48
* OCA 0402L Occupational Spreadsheet Applications Lab 48
OTA 0013 Occupational Customer Relations 48
OTA 0013L Occupational Customer Relations Lab 48
* OTA 0322 Occupational Business Communications 48
* OTA 0322L Occupational Business Communications Lab 48
OTA 0595 Occupational Introduction to Business 48
OTA 0595L Occupational Introduction to Business Lab 48

**Summer Flex Session**

OTA 0422L Office Practices Lab 42
* OTA 0943 Occupational Office Internship/Externship 48 90

* Check the course descriptions for prerequisites.

**NOTE:** If you enter the Administrative Office Specialist Career Certificate Program in spring or summer term, you will have limited course selection and may require more than one year to complete.

**Description of Program:** This career certificate program prepares you with skills needed to enter into the advanced manufacturing workforce. It focuses on the tools and technologies involved in modern manufacturing and production from basic hand tools and measuring devices up to robotics, computer-aided design, and PLC/microprocessors. Advanced manufacturing technologist work in a wide variety of industries where products are designed, developed, or tested in fields like aerospace, medicine, environmental sciences, computer science, electronics and software development, and manufacturing and construction. After completing the Advanced Manufacturing and Production Technology certificate, you will possess the necessary skills for employment in the advanced manufacturing workforce or continue into the A.S. degree in Engineering Technology. Eighteen (18) credit hours will be granted towards the A.S. degree upon successful completion of the certificate program.

**Length:** 600 contact hours / 20 occupational credits
### PREFIX NUMBER, COURSE TITLE, CONTACT HRS.

**Fall Term**
- **TDR 0130C** Computer-Aided Design and Measurement **120**
- **ETI 0190C** Quality and Production Planning **120**
- **ETI 0708C** Industrial Safety and Applied Techniques **240**

**Spring Term**
- **ETM 0030C** Electrical and Computer Applications **120**
- **ETM 0040C** Mechanical Systems and Applications **120**
- **ETM 0040C** Mechanical Systems and Applications **240**

**Summer Term**
- **ETI 0708C** Industrial Safety and Applied Techniques **120**
- **ETI 0708C** Industrial Safety and Applied Techniques **120**

### APPLIED CYBERSECURITY CAREER CERTIFICATE

**Program Code: 3324**

**Description of Program:** This program offers a sequence of courses that provides relevant technical knowledge and skills needed to prepare you for cybersecurity-related careers in the information technology field. Specialized courses focus on information security, planning and analysis, hardware, software, and web security. This program will prepare you for employment as an information security analyst, cybersecurity associate, junior penetration tester, computer systems administrator, or network support specialist.

**Length:** 750 contact hours / 25 occupational credits

### PREFIX NUMBER, COURSE TITLE, CONTACT HRS.

**Fall Term**
- **CTS 0014C** Cybersecurity Associate I **150**
- **CTS 0021C** Information Security Administrator I **37.5**
- **ARR 0010L** Fundamentals of Auto Body Repair Lab **180**
- **ARR 0010L** Fundamentals of Auto Body Repair Lab **187.5**

**Spring Term**
- **ARR 0600L** Fundamentals of Auto Body Repair Lab **150**
- **ARR 0600L** Fundamentals of Auto Body Repair Lab **187.5**

**Fall Term**
- **ARR 0600L** Fundamentals of Auto Body Repair Lab **150**
- **ARR 0600L** Fundamentals of Auto Body Repair Lab **187.5**

**Spring Term**
- **ARR 0600L** Fundamentals of Auto Body Repair Lab **150**
- **ARR 0600L** Fundamentals of Auto Body Repair Lab **187.5**

**Summer Term**
- **ARR 0600L** Fundamentals of Auto Body Repair Lab **150**
- **ARR 0600L** Fundamentals of Auto Body Repair Lab **187.5**

**NOTE:** Any course hours and internship/Co-op hours may be used interchangeably after 480 hours have been completed with the approval of the lead instructor, instructional supervisor, and division dean.
**AUTOMOTIVE SERVICE TECHNOLOGY CAREER CERTIFICATE**  
Program Code: 3220

**Description of Program:** The Automotive Service Technology career certificate prepares you to enter the automotive service industry as a technician. Course content includes, but is not limited to, brake systems, steering, suspension, manual and automatic transmissions, automotive heating and air conditioning, electrical systems, and engine repair. The SFSC Automotive Service Technology program is accredited by the ASE Education Foundation, 1503 Edwards Ferry Road, NE, Suite 401, Leesburg, VA 20176.

**Length:** 1800 contact hours / 60 occupational credits

<table>
<thead>
<tr>
<th>Prefix Number</th>
<th>Course Title</th>
<th>Contact Hrs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fall Term</td>
<td></td>
<td></td>
</tr>
<tr>
<td>AER 0560</td>
<td>Introduction to Automotive Technology and Braking</td>
<td>60</td>
</tr>
<tr>
<td></td>
<td>Systems</td>
<td></td>
</tr>
<tr>
<td>AER 0560L</td>
<td>Introduction to Automotive Technology and Braking</td>
<td>180</td>
</tr>
<tr>
<td></td>
<td>Systems Lab</td>
<td></td>
</tr>
<tr>
<td>AER 0697</td>
<td>Engine Performance</td>
<td>60</td>
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<tr>
<td></td>
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</tr>
<tr>
<td>AER 0697L</td>
<td>Engine Performance Lab</td>
<td>180</td>
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<td></td>
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<tr>
<td></td>
<td></td>
<td>480</td>
</tr>
<tr>
<td>Spring Term</td>
<td></td>
<td></td>
</tr>
<tr>
<td>AER 0401</td>
<td>Steering and Suspension</td>
<td>60</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>* AER 0401L</td>
<td>Steering and Suspension Lab</td>
<td>180</td>
</tr>
<tr>
<td>AER 0691</td>
<td>Electrical/Electronic Systems</td>
<td>60</td>
</tr>
<tr>
<td></td>
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</tr>
<tr>
<td>* AER 0691L</td>
<td>Electrical/Electronic Systems Lab</td>
<td>180</td>
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<tr>
<td></td>
<td></td>
<td>480</td>
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<tr>
<td>Summer Flex Session</td>
<td></td>
<td></td>
</tr>
<tr>
<td>AER 0797</td>
<td>Automotive Heating and Air Conditioning</td>
<td>60</td>
</tr>
<tr>
<td></td>
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<td></td>
</tr>
<tr>
<td>* AER 0797L</td>
<td>Automotive Heating and Air Conditioning Lab</td>
<td>120</td>
</tr>
<tr>
<td></td>
<td></td>
<td>180</td>
</tr>
</tbody>
</table>

| Fall Term     |                                                        |              |
| AER 0190      | Engine Repair                                          | 60           |
|               |                                                        |              |
| * AER 0190L   | Engine Repair Lab                                      | 180          |
| AER 0320      | Manual and Automatic Transmissions                      | 60           |
|               |                                                        |              |
| * AER 0320L   | Manual and Automatic Transmissions Lab                  | 180          |
|               |                                                        |              |
|               |                                                        | 480          |
| Spring Term   |                                                        |              |
| AER 0949      | Co-op Work Experience in Automotive Services           | 180          |
|               |                                                        |              |
|               |                                                        | 180          |

* Check the course descriptions for prerequisites.

**NOTE:** Any course hours and internship/Co-op hours may be used interchangeably after 480 hours have been completed with the approval of the lead instructor, instructional supervisor, and division dean.

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**AUXILIARY LAW ENFORCEMENT OFFICER CAREER CERTIFICATE**  
Program Code: 3350

**Description of Program:** This program is designed to train you to become an auxiliary law enforcement officer in the State of Florida, and it meets the State requirements as approved by the Criminal Justice Standards and Training Commission. Upon successful completion of this certificate, you may work as an auxiliary officer with limited authority and in the company of a certified officer. You must attend all sessions of training and score a minimum of 80% on all examinations per Administrative Rule. If you graduate from this certificate, you may not carry a firearm, impact weapon, or operate a vehicle until you have successfully completed the appropriate training through a certified training center or an agency with a certified high-liability instructor.

**Length:** 364 contact hours / 12.1 occupational credits

<table>
<thead>
<tr>
<th>Prefix Number</th>
<th>Course Title</th>
<th>Contact Hrs.</th>
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<tbody>
<tr>
<td>CJK 0020</td>
<td>LE Vehicle Operations</td>
<td>48</td>
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<tr>
<td>CJK 0023</td>
<td>Introduction to Law Enforcement (Auxiliary)</td>
<td>4</td>
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<tr>
<td>CJK 0024</td>
<td>Legal Concepts</td>
<td>20</td>
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<tr>
<td>CJK 0025</td>
<td>Patrol and Professional Communication</td>
<td>12</td>
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<tr>
<td>CJK 0026</td>
<td>Interactions in a Diverse Community (Auxiliary)</td>
<td>12</td>
</tr>
<tr>
<td>CJK 0027</td>
<td>Calls for Service and Arrest Procedures</td>
<td>24</td>
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<tr>
<td>CJK 0028</td>
<td>Traffic Stops and Crash Investigations</td>
<td>28</td>
</tr>
<tr>
<td>CJK 0029</td>
<td>Crime Scene and Courtroom Procedures</td>
<td>8</td>
</tr>
<tr>
<td>CJK 0031</td>
<td>First Aid for Criminal Justice Officers</td>
<td>40</td>
</tr>
<tr>
<td>CJK 0040</td>
<td>Firearms</td>
<td>80</td>
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<tr>
<td>CJK 0051</td>
<td>Defensive Tactics</td>
<td>80</td>
</tr>
<tr>
<td>CJK 0422</td>
<td>Dart-Firing Stun Gun</td>
<td>8</td>
</tr>
<tr>
<td></td>
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<td>364</td>
</tr>
</tbody>
</table>

**NOTE:** Courses, hours, and requirements are subject to change as determined and required by the State of Florida Criminal Justice Standards and Training Commission.

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**BUSINESS MANAGEMENT AND ANALYSIS CAREER CERTIFICATE**  
Program Code: 3620

**Description of Program:** This career certificate program includes management, fundamentals, operations, and communication and legal aspects of business. Business Management and Analysis includes Microsoft specialist computer certification courses. Program prepares you for a career as a general manager, operations manager, human resources manager, management analyst, IT assistant
and supervisor, supervisor manager trainer, and computer user support specialist. If you complete the Business Management and Analysis certificate, you may receive some credits toward an A.S. degree in either Accounting Technology (#1580), Business Administration (#1510), or Network Systems Technology (#1740).

Length: 900 contact hours / 30 occupational credits

<table>
<thead>
<tr>
<th>Prefix Number</th>
<th>Course Title</th>
<th>Contact Hrs.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Fall Term</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>* OCA 0301</td>
<td>Occupational Word Processing MS Word</td>
<td>48</td>
</tr>
<tr>
<td>* OCA 0301L</td>
<td>Occupational Word Processing MS Word Lab</td>
<td>48</td>
</tr>
<tr>
<td>OCA 0455</td>
<td>Occupational Business Fundamentals</td>
<td>48</td>
</tr>
<tr>
<td>OCA 0455L</td>
<td>Occupational Business Fundamentals Lab</td>
<td>48</td>
</tr>
<tr>
<td>OCA 0604</td>
<td>Occupational Desktop Publishing with PowerPoint</td>
<td>48</td>
</tr>
<tr>
<td>OCA 0604L</td>
<td>Occupational Desktop Publishing with PowerPoint Lab</td>
<td>48</td>
</tr>
<tr>
<td>OTC 0475</td>
<td>Occupational Legal Aspects of Business</td>
<td>48</td>
</tr>
<tr>
<td>OTC 0475L</td>
<td>Occupational Legal Aspects of Business Lab</td>
<td>48</td>
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<tr>
<td>OTC 0490</td>
<td>Occupational Personal Business Skills</td>
<td>48</td>
</tr>
<tr>
<td>OTC 0595</td>
<td>Occupational Introduction to Business</td>
<td>48</td>
</tr>
<tr>
<td></td>
<td></td>
<td>480</td>
</tr>
<tr>
<td><strong>Spring Term</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>* OCA 0402</td>
<td>Occupational Spreadsheet Applications</td>
<td>48</td>
</tr>
<tr>
<td>* OCA 0402L</td>
<td>Occupational Spreadsheet Applications Lab</td>
<td>48</td>
</tr>
<tr>
<td>* OCA 0461</td>
<td>Occupational Database Applications</td>
<td>48</td>
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<td>* OCA 0461L</td>
<td>Occupational Database Applications Lab</td>
<td>48</td>
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<tr>
<td>OTC 0322</td>
<td>Occupational Business Communications</td>
<td>48</td>
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<tr>
<td>OTC 0322L</td>
<td>Occupational Business Communications Lab</td>
<td>48</td>
</tr>
<tr>
<td>OTC 0402</td>
<td>Occupational Office Equipment and Procedures</td>
<td>48</td>
</tr>
<tr>
<td>OTC 0402L</td>
<td>Occupational Office Equipment and Procedures Lab</td>
<td>48</td>
</tr>
<tr>
<td></td>
<td><strong>OR</strong></td>
<td></td>
</tr>
<tr>
<td>SCM 0500</td>
<td>Occupational Supply Chain Management</td>
<td>48</td>
</tr>
<tr>
<td>SCM 0500L</td>
<td>Occupational Supply Chain Management Lab</td>
<td>48</td>
</tr>
<tr>
<td></td>
<td><strong>Summer Term</strong></td>
<td></td>
</tr>
<tr>
<td>OTC 0949</td>
<td>Occupational Business Management and Analysis Internship/Externship</td>
<td>36</td>
</tr>
<tr>
<td></td>
<td></td>
<td>36</td>
</tr>
<tr>
<td></td>
<td>* Check the course descriptions for prerequisites.</td>
<td></td>
</tr>
</tbody>
</table>

**COMPUTER SYSTEMS AND INFORMATION TECHNOLOGY CAREER CERTIFICATE**  
Program Code: 3315

**Description of Program:** The purpose of this program is to prepare you for employment or advanced training in a variety of occupations in the information technology industry. The program focuses on broad, transferable skills and stresses understanding and demonstration of the following elements of the information technology industry: technical and product skills, underlying principles of technology, planning, management, finance, labor issues, community issues and health, safety, and environmental issues. The course content includes, but is not limited to, communication, leadership skills, human relations and employability skills, and efficient work practices.

Length: 900 contact hours / 30 occupational credits

<table>
<thead>
<tr>
<th>Prefix Number</th>
<th>Course Title</th>
<th>Contact Hrs.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Fall Term</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>EEU 0540</td>
<td>Introduction to PC Software</td>
<td>60</td>
</tr>
<tr>
<td>EEU 0540L</td>
<td>Computer Technology Lab</td>
<td>180</td>
</tr>
<tr>
<td>EEU 0560</td>
<td>Introduction to PC Hardware</td>
<td>60</td>
</tr>
<tr>
<td>EEU 0560L</td>
<td>Computer Technology Lab</td>
<td>180</td>
</tr>
<tr>
<td></td>
<td><strong>Spring Term</strong></td>
<td></td>
</tr>
<tr>
<td>EEU 0565</td>
<td>Networking Hardware and Infrastructure</td>
<td>60</td>
</tr>
<tr>
<td>EEU 0565L</td>
<td>Computer Technology Lab</td>
<td>180</td>
</tr>
<tr>
<td>EEU 0598</td>
<td>Networking Software, Security and Administration</td>
<td>60</td>
</tr>
<tr>
<td>EEU 0598L</td>
<td>Computer Technology Lab</td>
<td>120</td>
</tr>
<tr>
<td></td>
<td><strong>Summer Term</strong></td>
<td></td>
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<tr>
<td></td>
<td><strong>OR</strong></td>
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</tr>
</tbody>
</table>

**CORRECTIONAL OFFICER CAREER CERTIFICATE**  
Program Code: 3270

**Description of Program:** This program is designed to train you to become a correctional officer in the State of Florida, and it meets the State requirements as approved by the Criminal Justice Standards and Training Commission. Upon successful completion of this program, you will be eligible to take the State certification examination to become a certified officer. You must attend all sessions of training and score a minimum of 80% on all examinations per Administrative Rule.

**SPECIAL ADMISSION REQUIREMENTS**

You must:

1. obtain authorization from the director of Criminal Justice Academy prior to registering for all or part of this program;
2. possess a valid Florida Driver’s License;
3. be 19 years of age prior to graduation from the Academy;
4. be a citizen of the United States of America;
5. submit to a background inquiry prior to admission (additional fee for fingerprint submission);
6. not have a record of conviction for any felony or misdemeanor involving moral turpitude or domestic violence;
7. successfully pass a Basic Abilities Test (additional fee) prior to admission;
8. complete an Academy Application prior to admission; and
9. pass a physical exam for physical fitness training.

* Weapons and uniforms that meet academy specifications
  will be provided by the Academy. See Academy staff for
details.

* If you are sponsored by an agency, you must wear the
  agency's uniforms.

* You must register for these classes as a “block” of
  instruction.

Length: 420 contact hours / 14 occupational credits

Prefix Number   Course Title                      Contact Hrs.
CJK  0031 First Aid for Criminal Justice Officers 40
CJK  0040 Firearms 80
CJK  0051 Defensive Tactics 80
CJK  0300 Introduction to Corrections 32
CJK  0305 Communications 40
CJK  0310 Officer Safety 16
CJK  0315 Facility and Equipment 8
CJK  0320 Intake and Release 18
CJK  0325 Supervising in a Correctional Facility 40
CJK  0330 Supervising Special Populations 20
CJK  0335 Responding to Incidents and Emergencies 16
CJK  0340 Officer Wellness and Physical Abilities 30
                                                 420

NOTE: Courses, hours, and requirements are subject to change
as determined and required by the State of Florida Criminal Justice
Standards and Training Commission.

COSMETOLOGY
CAREER CERTIFICATE
Program Code: 3280

Description of Program: The Cosmetology certificate prepares you for entry-level employment in the cosmetology profession. You will use a modern, well-equipped, school-operated salon. During the first 200 hours of the program, you will perform laboratory services on one another and mannequins. After completion of 200 hours, you will perform laboratory services on local patrons and other students. Course content includes, but is not limited to, hair design, chemical reformulation, precision cutting, manicuring, nail extensions, pedicuring, facials, makeup application, and theory and practical study of trichoanalysis and chromatology. Upon completion of the certificate program, you will be eligible to apply for the Florida State Board of Cosmetology examination.

Length: 1200 contact hours / 40 occupational credits

Prefix Number   Course Title                      Contact Hrs.
Fall Term
COS  0080  Cosmetology Concepts I 120
COS  0080L Salon I 360
                                                 480
Spring Term
* COS  0081  Cosmetology Concepts II 120
  * COS  0081L Salon II 360
                                                 480
Summer Term
  * COS  0082  Cosmetology Concepts III 90
    * COS  0082L Salon III 150
                                                 240

* Check the course descriptions for prerequisites.

NOTE: Students are required to attend the full 1200 hours of
instruction provided by the program in order to sit for the State
licensing examination.
DENTAL ASSISTANT CAREER CERTIFICATE
Program Code: 3450

Description of Program: The Dental Assistant curriculum prepares you to be a versatile member of the dental health team who works alongside the dentist. You will be expected to master theoretical, practical, and clinical skills including dental basic sciences, dental radiographic techniques, dental materials, sterilization and infection control, office management, dental specialties, and expanded duties. Upon successful completion of the Dental Assistant program, you will receive certification in expanded duties. Completion of the program also prepares you for Pathway I toward the Dental Assisting National Board (DANB) and Certified Dental Assistant (CDA) designations. The South Florida State College Dental Assistant Program is accredited by the American Dental Association Commission on Dental Accreditation, 211 East Chicago Avenue, Suite 1900, Chicago, IL 60611.

Length: 1230 contact hours / 41 occupational credits

This is a limited access program. Admission to this program occurs once per year. Online applications will be accepted until the posted deadline date at 11:59 p.m. Visit southflorida.edu/healthsciences for important application information and deadlines.

ADMISSION REQUIREMENTS

I. Verification from a licensed general dentist substantiating completion of at least 16 hours of observation, or work experience.

II. College Entrance Testing (SFSC Testing and Assessment Center is in Building B, Room 255; 863-784-7214 or 863-784-7114):
A. You must document proof of occupational placement testing with minimum scores from any combination of the following:
   1. TABE®
      a. Math: 10
      b. Reading: 10
      c. Language: 10
         ...or...
   2. PERT
      a. Reading: 106
      b. Writing: 103
      c. Math: 114
         ...or...
   3. ACT
      a. Reading: 19
      b. Writing: 17

   c. Math: 19
      ...or...
   4. SAT I®
      a. Verbal: 24
      b. Math: 24

B. You must pass Freshman English I and/or Developmental Math II, with a C or higher.
   ...or...
C. You must have an A.A. or higher.
   ...or...
D. Be exempt.

III. Demonstrate competency in basic computer skills in one of four ways:
A. A passing grade in a computer course on a high school transcript.
B. A grade of C or higher in a computer course at the college-level.
C. Introduction to Microcomputers using Windows during the Dental Assistant Program.
D. Verified experiential credit.

IV. You must complete a Dental Assistant Program application for admission to the program.

ADMISSION PROCEDURES

You are responsible for following the admissions procedures and for ensuring that your records are complete in the Admissions, Registration, and Records Office. No application will be considered unless it is complete.

I. Submit the following to apply to the program:
A. Completed online SFSC Admissions Application, select Dental Assistant major/program.
B. Official high school/GED transcript.
C. Official transcript from each postsecondary institution.
D. College placement test scores.
E. Verification from a licensed general dentist substantiating completion of at least 16 hours of observation, volunteer service, or work experience.

II. Once accepted into the program, you will receive instructions to complete the following:
A. Physical health exam and a record of immunizations from a licensed physician or nurse practitioner, and a statement of satisfactory dental health from a licensed dentist (forms will be provided after acceptance into the program).
B. Florida Department of Law Enforcement fingerprinting (will be scheduled prior to enrollment).
C. CPR Certification.
D. You will be required to submit program documentation through a third party compliance company throughout the program.

NOTE: Failure to complete these requirements will result in loss of enrollment into the program.

SELECTION CRITERIA

The following are specific criteria that will be used when making selections for the Dental Assistant Program:

1. Documentation of residence in DeSoto, Hardee, or Highlands county for one year immediately prior to the time of application.

2. Verification from a licensed general dentist, substantiating completion of at least 16 hours of observation, or work experience.

SELECTION PROCESS

I. If you meet the minimum application requirements, you will be considered for admission into the program.

II. This is a limited access program and only 12 students are accepted each academic year beginning in August. Applicants are accepted based on date completed applications are received.

III. In cases where all credentials are equal, the following criteria will be used in the noted sequence to determine whether you will be admitted into the program:

   A. previous degree(s),
   B. completion of Freshman English I and/or Fundamentals of Speech Communication, and
   C. date of receiving application.

IV. You may be notified by email of acceptance into the program.

Upon notification of admission, you are required to complete the following prior to the start of the fall term:

1. Admission review appointment submission of program (related admission documentation).

2. Physical health exam and a record of immunizations from a licensed physician or nurse practitioner, and a statement of satisfactory dental health from a licensed dentist (form to be provided upon notification of admission).

3. Florida Department of Law Enforcement fingerprinting. (Date/time of session provided during admission appointment.)

NOTE: Failure to complete these requirements will result in loss of enrollment into the program.

ADVANCED STANDING

If you apply to SFSC’s Dental Assistant Program and have attended a dental assistant program at an accredited college or university in Florida, you may be admitted to the SFSC Dental Assistant Program with advanced standing credit. Dental Assistant courses with DES prefixes and the last three digits are automatically transferable. The Dental Assistant Program chair determines if the course or courses (whether from the Florida Dental Assistant Program or an out-of-state Dental Assistant Program) are the same in content and credit hour(s) as those offered at SFSC. A grade of C or higher must be earned for each course equivalent.

GENERAL INFORMATION

1. SFSC reserves the right to deny admission to you, if you lack required qualifications for the Dental Assistant Program.

2. You must reapply, if you wish to be considered for a subsequent class. Each class is selected from a new applicant pool.

3. The College adheres to federal and State laws controlling equal access/equal opportunity.

4. If you have excessive absences, you will be dropped from the program (excessive absences are defined as being absent from 10% or more scheduled class contact hours with a grade average less than 75%, or being absent from 15% or more scheduled class contact hours regardless of the grade).

5. If you have life or health conditions that might hinder attendance, you may wish to consider another program or delay application until a strong commitment to attendance can be made.

6. An official criminal history background check is required for entry into the Dental Assistant Program. Be aware that some providers of clinical experience will not allow individuals with certain types of criminal history into their facilities. This may be cause for denial into the program enrollment, because such individuals would not be able to successfully complete clinical portions of the Dental Assistant Program.

7. Program admission documentation is required to be submitted to a third party compliance management company, CastleBranch, during admission process.
ACADEMIC REQUIREMENTS

1. You are expected to be punctual in attending every lecture, lab, clinical session, and off campus rotation. If you have excessive absences, you will be dropped from the program.

2. You must maintain a 70% in each and every dental assistant course. Laboratory courses require higher passing scores for each subsequent term. Less than 70% will result in being dropped from the program.

Prefix Number Course Title Contact Hrs.

**Fall Term (Weeks 1-16)**

* DEA 0025 Preclinical Orientation I 40
* DEA 0025L Preclinical Orientation I Lab 30
* DES 0021 Orofacial and Dental Anatomy 48
* DES 0205 Dental Radiographic Techniques I 32
* DES 0205L Dental Radiographic Techniques I Lab 48
* DES 0602 Office Emergencies 32
* DES 0804 Introduction to Clinical Procedures 32
* DES 0804L Introduction to Clinical Procedures Lab 48
* DES 0830 Expanded Functions I 20
* DES 0830L Expanded Functions I Lab 16
* DES 0844 Preventive Dentistry 36

**Spring Term (Weeks 17-32)**

* DEA 0026 Preclinical Orientation II 40
* DEA 0026L Preclinical Orientation II Lab 30
* DEA 0130 Allied Dental Theory 48
* DEA 0800 Clinical Practice I 32
* DEA 0800L Clinical Practice I Lab 216
* DES 0053 Nitrous Oxide Monitoring 32
* DES 0103 Elements of Dental Materials 30
* DES 0103L Elements of Dental Materials Lab 30
* DES 0206 Dental Radiographic Techniques II 32
* DES 0831L Expanded Functions II Lab 24

**Summer Term (Weeks 33-45)**

* DEA 0801 Clinical Practice II 24
* DEA 0801L Clinical Practice II Lab 90
* DEA 0931 Orthodontics for Dental Auxiliary 16
* DES 0501 Dental Office Management 48

* Check the course descriptions for prerequisites.

NOTE: Dental Assistant articulates with dental hygiene program, if you are accepted into the dental hygiene program within three years of successfully graduating from the dental assistant program.

APPROXIMATE PROGRAM COSTS

<table>
<thead>
<tr>
<th>Item</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Admission fee</td>
<td>$15</td>
</tr>
<tr>
<td>CastleBranch document management/fingerprinting</td>
<td>97</td>
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<tr>
<td>CPR</td>
<td>65</td>
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<tr>
<td>Gas for clinical rotations</td>
<td>500</td>
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<td>Graduation fee</td>
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<td>Graduation pin</td>
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<tr>
<td>Laboratory fees</td>
<td>1,924</td>
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<tr>
<td>Medical costs (varies by provider)</td>
<td>500</td>
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<tr>
<td>Textbooks</td>
<td>750</td>
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<tr>
<td>Tuition</td>
<td>3,629</td>
</tr>
</tbody>
</table>

Approximate Total: $7,505

ELECTRICAL LINEWORKER

CAREER CERTIFICATE

Program Code: 3300

Description of Program: This program prepares you to work as an electric line technician in the construction, maintenance, and repair of electric utility overhead and underground systems. Classroom study of electrical distribution systems will be combined with laboratory and practical applications. You will master competencies expected of the trade: electrical distribution safe work practices; basic electrical theory; overhead pole line and underground electrical construction operation and maintenance; and electrical distribution equipment installation. Upon completion, you will possess the necessary skills for employment as an electrical technician in the electric utility field.

Length: 1500 contact hours / 50 occupational credits

Prefix Number Course Title Contact Hrs.

**Fall Term**

- ETP 0170 Pole Climbing, Ropes, and Rigging 45
- ETP 0170L Pole Climbing, Ropes, and Rigging Lab 90
- ETP 0171 Pole Line Equipment I 45
- ETP 0171L Pole Line Equipment I Lab 90
- ETP 0172 Pole Line Equipment II 45
- ETP 0172L Pole Line Equipment II Lab 90
- ETP 0179 Safe Work Practices 45
- ETP 0179L Safe Work Practices Lab 90

**Spring Term**

- ETP 0174 Electrical Distribution Structures 45
- ETP 0174L Electrical Distribution Structures Lab 90
- ETP 0175 Underground Distribution 45
- ETP 0175L Underground Distribution Lab 90
- ETP 0177 Installing Overhead Conductors 45
- ETP 0177L Installing Overhead Conductors Lab 90
- ETP 0178 Basic Electricity for Line Workers 45
- ETP 0178L Basic Electricity for Line Workers Lab 90

**Summer Term**

- TRA 0260 CDL for Electrical Line Service I 60
- TRA 0261 CDL for Electrical Line Service II 45
- TRA 0262 CDL for Electrical Line Service III 45

**Fall Term**

- ETP 0173 Trucks and Excavation Equipment 45
- ETP 0173L Trucks and Excavation Equipment Lab 90
- ETP 0949 Co-op Work Exper. in Electrical Distribution 135

* Check the course descriptions for prerequisites.

Labs: With the approval of the program chair and course instructor and contingent upon meeting the program provisions, credit for labs/proficiencies may be earned on the job, given for experience, and/or ETP Labs.

**NOTE:** The number of students enrolled in the career certificate program will determine whether additional courses for career program students will be offered. It may be possible to complete the program in less than two years. **Lab hours and internship/Co-op hours may be used interchangeably.**
ELECTRONIC TECHNOLOGY
CAREER CERTIFICATE
Program Code: 3310

Description of Program: The Electronic Technology certificate prepares you for employment as a technician in electronics related businesses and industries. Course content includes, but is not limited to, A.C. and D.C. circuits, solid state devices, analog circuits, digital devices, and microprocessing.

Length: 1400 contact hours / 46.7 occupational credits

<table>
<thead>
<tr>
<th>Prefix Number</th>
<th>Course Title</th>
<th>Contact Hrs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fall Term</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EEV 0811C</td>
<td>D.C. Circuits</td>
<td>60</td>
</tr>
<tr>
<td>EEV 0811L</td>
<td>D.C. Circuits Lab</td>
<td>180</td>
</tr>
<tr>
<td>EEV 0812C</td>
<td>A.C. Circuits</td>
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</tr>
<tr>
<td>EEV 0812L</td>
<td>A.C. Circuits Lab</td>
<td>180</td>
</tr>
<tr>
<td></td>
<td></td>
<td>480</td>
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<tr>
<td>Spring Term</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EEV 0813C</td>
<td>Solid State Devices</td>
<td>60</td>
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<td>EEV 0813L</td>
<td>Solid State Devices Lab</td>
<td>180</td>
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<tr>
<td>* EEV 0814C</td>
<td>Analog Circuits</td>
<td>60</td>
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<tr>
<td>EEV 0814L</td>
<td>Analog Circuits Lab</td>
<td>180</td>
</tr>
<tr>
<td></td>
<td></td>
<td>480</td>
</tr>
</tbody>
</table>

First Summer Flex Session
* EEV 0815C Digital Devices | 60
* EEV 0815L Digital Devices Lab | 120

Second Summer Flex Session
* EEV 0816C Microprocessors | 60
* EEV 0816L Microprocessors Lab | 200

* Check the course descriptions for prerequisites.

NOTE: Lab hours and internship/Co-op hours may be used interchangeably.

FIRE FIGHTER I / II
CAREER CERTIFICATE
Program Code: 3600

Description of Program: This limited access certificate program focuses on the theory and practice of fires and firefighting. Upon completion of this program, you will learn how to safely perform the tasks of a firefighter in emergencies and in the fire station. Some topics covered include instruction in fire chemistry and physics, combustible materials, perform search and victim removal methods, building construction, fire codes and related laws, occupational safety, and equipment operation. When you successfully complete the required courses and meet the Bureau of Fire Standards and Training application requirements, you will be eligible to take the State certification examination. Florida Statutes require this certification for employment in the fire service. For more information regarding the most current compliance standards and training requirements, refer to Rule 69A-37, Florida Administrative Code (F.A.C.) and Section 633.412, Florida Statutes (F.S.).

To be eligible for enrollment, you must meet all State requirements which include but are not limited to:

ADMISSION REQUIREMENTS

Minimum fire standards as required by Section 633.412, Florida Statutes (F.S.) you must:
• be at least 18 years of age;
• pass a medical physical as outlined by the Bureau of Fire Standards and Training;
• submit a notarized non-user of tobacco affidavit; and
• complete both SFSC and Fire Fighter I/II admission applications.

LENGTH: 398 contact hours / 13.3 occupational credits

<table>
<thead>
<tr>
<th>Prefix Number</th>
<th>Course Title</th>
<th>Contact Hrs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>* FFP 0010</td>
<td>Fire Fighter I</td>
<td>206</td>
</tr>
<tr>
<td>* FFP 0020</td>
<td>Fire Fighter II</td>
<td>192</td>
</tr>
</tbody>
</table>

* Check the course descriptions for prerequisites/corequisites.

NOTE: Lab hours and internship/Co-op hours may be used interchangeably.

General Information

After acceptance, you must:
• complete background check/fingerprinting; and
• complete Emergency Medical Responder (EMS 1051C) or ** Instructor’s Approval.

SFSC offers a second entry point for those who have already met the first part of the Fire Fighter I/II program training requirements:

For entry directly to Fire Fighter II (FFP 0020), you are required to have a certificate of completion from a Bureau of Fire Standards and Training approved Fire Fighter I (volunteer) course**, meeting the most current standards. If you meet these requirements, you will be eligible to articulate directly into the Fire Fighter II course.

Admission requirements to Fire Fighter II course, you must:
• meet all Fire Fighter I admission requirements;
• successfully complete Fire Fighter I training, to include EMR or equivalent as approved by instructor; and
• complete background check/fingerprinting at SFSC.

** Successful completion of Emergency Medical Responder or instructor’s approval is required for completion of Fire Fighter I. However, applicants who have completed one of the following Federal Department of Transportation (FDOT), National Registry of EMTs (NREMT), or Florida Department of Education (FDOE) courses are exempt: Emergency Medical Responder (EMR); First Responder; Emergency Medical Technician (EMT); or Paramedic.

NOTE: Criminal history may preclude applicants from being certified as a fire fighter in the State of Florida. SFSC will fingerprint and complete a background check on all applicants prior to Fire Fighter II training.
HEATING, VENTILATION, AIR CONDITIONING / REFRIGERATION (HVAC/R)
CAREER CERTIFICATE
Program Code: 3250

Description of Program: The Heating, Ventilation, Air Conditioning/Refrigeration (HVAC/R) career certificate prepares you for employment as a technician or repair person of home and commercial air conditioning and refrigeration systems. Course content includes, but is not limited to, the fundamentals of refrigeration, basic electricity, and heating systems.

Length: 1350 contact hours / 45 occupational credits

Prefix Number Course Title Contact Hrs.

Fall Term
ACR 0000 Fundamentals of Refrigeration 60
ACR 0000L Fundamentals of Refrigeration Lab 180
ACR 0102 Basic Electricity Systems and Controls 60
ACR 0102L Basic Electricity Systems and Controls Lab 180

Spring Term
ACR 0600 Heating Systems 60
* ACR 0600L Heating Systems Lab 180
ACR 0609 Refrigeration: Trouble Analysis 60
* ACR 0609L Refrigeration: Trouble Analysis Lab 180

Summer Term
* ACR 0940 Internship in Refrigeration
OR
*+ ACR 0949 Co-op Work Experience in Air Conditioning
OR
ACR 0060 Indoor Air Quality and System Design and
* ACR 0060L Indoor Air Quality and System Design Lab 180
180

Fall Term
ACR 0930 Selected Topics in Air Conditioning 60
ACR 0930L Selected Topics in Air Conditioning Lab OR
ACR 0080L Air Conditioning, Refrigeration, and Heating Mechanics Lab I 150
210

* Check the course descriptions for prerequisites.
+ It is recommended that you complete vocational internship and Co-op prior to earning your certificate.

NOTE: Any course hours and internship/Co-op hours may be used interchangeably after 480 hours have been completed with the approval of the lead instructor, instructional supervisor, and division dean.

HOME HEALTH AIDE
CAREER CERTIFICATE
Program Code: 3580

Description of Program: This short-term program is designed to prepare you for employment as a Home Health Aide. You will receive instruction in supportive services that are required to provide and maintain bodily and emotional comfort and assist patients toward independent living in a safe environment, as stated in Rules of the Department of Health (Chapter 59A-8), Minimum Standards for Home Health Agencies.

Length: 165 contact hours / 5.5 occupational credits

APPLICATION REQUIREMENTS

1. Must be at least 18 years of age.
2. Must have a high school diploma or equivalent.

Prefix Number Course Title Contact Hrs.

HSC 0003C Introduction to Healthcare 90
* HCP 0330C Home Health Aide 75
165

* Check the course description for prerequisites.

LAW ENFORCEMENT (BASIC)
CAREER CERTIFICATE
Program Code: 3340

Description of Program: This program is designed to train you to become a law enforcement officer in the State of Florida, and it meets the State requirements as approved by the Criminal Justice Standards and Training Commission. Upon successful completion of this career certificate, you will be eligible to take the State certification examination to become a certified law enforcement officer. You must attend all sessions of training and score a minimum of 80% on all examinations per Administrative Rule.

SPECIAL ADMISSION REQUIREMENTS

You must:

1. obtain authorization from the director of public service prior to registering for all or part of this program;
2. possess a valid Florida Driver’s License;
3. be 19 years of age prior to entry to the academy;
4. be a citizen of the United States of America;
5. submit to a background inquiry prior to admission (additional fee for fingerprint submission);

6. not have a record of conviction for any felony or misdemeanor involving moral turpitude or domestic violence;

7. successfully pass a Basic Abilities Test (additional fee) prior to admission;

8. complete an Academy Application prior to admission; and

9. pass a physical exam for physical fitness training.

* See Academy staff for list of required equipment.

* You must register for these classes as a “block” of instruction.

Length: 770 contact hours / 25.7 occupational credits

<table>
<thead>
<tr>
<th>Prefix Number</th>
<th>Course Title</th>
<th>Contact Hrs.</th>
<th>Prefix Number</th>
<th>Course Title</th>
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<td>CJK 0001</td>
<td>Introduction to Law Enforcement</td>
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<td>CJK 0012</td>
<td>Legal</td>
<td>62</td>
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<td>CJK 0013</td>
<td>Interactions in a Diverse Community</td>
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<td>CJK 0014</td>
<td>Interviewing and Report Writing</td>
<td>56</td>
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<tr>
<td>CJK 0020</td>
<td>Law Enforcement Vehicle Operations</td>
<td>48</td>
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<tr>
<td>CJK 0031</td>
<td>First Aid for Criminal Justice Officers</td>
<td>40</td>
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<tr>
<td>CJK 0040</td>
<td>Firearms</td>
<td>80</td>
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<td>CJK 0051</td>
<td>Defensive Tactics</td>
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<tr>
<td>CJK 0064</td>
<td>Fundamentals of Patrol</td>
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<td>CJK 0065</td>
<td>Calls for Service</td>
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<td>CJK 0077</td>
<td>Criminal Investigations</td>
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<td>CJK 0078</td>
<td>Crime Scene to Courtroom</td>
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<td>CJK 0084</td>
<td>DUI Traffic Stops</td>
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<td>CJK 0087</td>
<td>Traffic Stops</td>
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<td>CJK 0088</td>
<td>Traffic Crash Investigations</td>
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<td>CJK 0092</td>
<td>Critical Incidents</td>
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<td>CJK 0096</td>
<td>Physical Fitness Training</td>
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<td>CJK 0422</td>
<td>Dart-Firing Stun Gun</td>
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</table>

NOTE: Courses, hours, and requirements are subject to change as determined and required by the State of Florida Criminal Justice Standards and Training Commission.

LAW ENFORCEMENT TO CORRECTIONAL (CROSSOVER) CAREER CERTIFICATE
Program Code: 3344

Description of Program: This program is designed to train you to become a corrections officer in the State of Florida, and it meets the State requirements as approved by the Criminal Justice Standards and Training Commission. If you hold a law enforcement officer training certificate and passed the State Certification Examination, you may “crossover” to corrections. Upon successful completion of this career certificate program, you will be eligible to take the State certification examination to become a certified corrections officer. You must attend all sessions of training and per Administrative Rule, score a minimum of 80% on all examinations.

SPECIAL ADMISSION REQUIREMENTS

1. Must be a certified law enforcement officer or have successfully completed the Basic Law Enforcement Academy and have passed the State certification examination.

2. Obtain authorization from the director of the Criminal Justice Academy prior to registering for all or part of this program.

3. Submit to a background inquiry prior to admission (additional fingerprint fee).

4. Not have a record of conviction for any felony or misdemeanor involving moral turpitude or domestic violence.

5. Successfully pass a basic abilities test (additional fee).

6. Complete the academy application process.

Length: 198 contact hours / 6.6 occupational credits

<table>
<thead>
<tr>
<th>Prefix Number</th>
<th>Course Title</th>
<th>Contact Hrs.</th>
<th>Prefix Number</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>CJK 0300</td>
<td>Introduction to Corrections</td>
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<td>CJK 0305</td>
<td>Communications</td>
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<td>CJK 0310</td>
<td>Officer Safety</td>
<td>16</td>
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<tr>
<td>CJK 0315</td>
<td>Facilities and Equipment</td>
<td>8</td>
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<tr>
<td>CJK 0320</td>
<td>Intake and Release</td>
<td>18</td>
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<td>CJK 0325</td>
<td>Supervising in a Correctional Facility</td>
<td>40</td>
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<td>CJK 0330</td>
<td>Supervising Special Populations</td>
<td>20</td>
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<td>CJK 0335</td>
<td>Responding to Incidents and Emergencies</td>
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<td>CJK 0393</td>
<td>Crossover Program Updates</td>
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</tbody>
</table>

NOTE: Courses, hours, and requirements are subject to change as determined and required by the State of Florida Criminal Justice Standards and Training Commission.
MEDICAL ADMINISTRATIVE SPECIALIST
CAREER CERTIFICATE
Program Code: 3360

Description of Program: The Medical Administrative Specialist certificate prepares you for employment as an administrative medical office assistant, medical records clerk, or receptionist in a medical office, hospital, clinic, or other community health agency. Course content includes basic and advanced medical office procedures, medical terminology, medical billing/insurance, business communication, office skills training, keyboarding, MS Word, PowerPoint, and Excel with certification. Emphasis is placed on employability skills to include soft skills, resume writing, and interview preparation. You will also have an opportunity to extern in a medical office setting. Class meetings: Monday through Friday, 8 a.m. to 3 p.m. You must pass each course with a C or higher.

Length: 1050 contact hours / 35 occupational credits

Prefix Number Course Title Contact Hrs.

Fall Term
MEA 0230 Occupational Medical Terminology I 48
MEA 0230L Occupational Medical Terminology I Lab 48
OTA 0101 Occupational Introductory Keyboarding 48
OTA 0101L Occupational Introductory Keyboarding Lab 48
OTA 0311 Occupational Business English 48
OTA 0311L Occupational Business English Lab 48
OTA 0402 Occupational Office Equipment and Procedures 48
OTA 0402L Occupational Office Equipment and Procedures Lab 48
OTA 0490 Occupational Personal Business Skills 48
OTA 0490L Occupational Personal Business Skills Lab 48

480

Spring Term
* MEA 0239 Occupational Medical Terminology II 48
* MEA 0239L Occupational Medical Terminology II Lab 48
MEA 0310 Occupational Medical Office Procedures 48
MEA 0310L Occupational Medical Office Procedures Lab 48
MEA 0334 Occupational Medical Insurance and Billing 48
* MEA 0334L Occupational Medical Insurance and Billing Lab 48
* OCA 0301 Occupational Word Processing MS Word 48
* OCA 0301L Occupational Word Processing MS Word Lab 48
* HIM 0251 Occupational Health Care Coding and Diagnosis 48
* HIM 0251L Occupational Health Care Coding and Diagnosis Lab 48

480

Summer Flex Session
OTA 0013 Occupational Customer Relations 42
* OTA 0943 Occupational Office Internship/Externship 48

90

NOTES:
• If you enter the Medical Administrative Specialist career certificate program in spring or summer term, you will have limited course selection and may require more than one year to complete.
• The course sequence is subject to change.

MEDICAL ASSISTING CAREER CERTIFICATE
Program Code: 3500

Description of Program: This career certificate is an 18 month program designed to prepare you for employment as a medical assistant in hospitals and outpatient facilities, and in physician, chiropractic, podiatrist, and optometrist offices. Upon completion of the program, you are eligible to sit for the Registered Medical Assistant (RMT) exam. The RMT certification is offered through the American Medical Technologists (AMT), 10700 West Higgins Road, Suite 150, Rosemont, IL 60018. For more information, contact AMT at 847-823-5169.

Length: 1,300 contact hours / 43.3 occupational credits

Prefix Number Course Title Contact Hrs.

Fall Term
MEA 0200C Medical Assisting Clinical Procedures I 110
MEA 0230 Occupational Medical Terminology I 48
MEA 0231C Anatomy and Physiology 48
MEA 0310 Occupational Medical Office Procedures 48
MEA 0334 Occupational Medical Insurance and Billing 48
MEA 0334L Occupational Medical Insurance and Billing Lab 48
OTA 0101 Occupational Introductory Keyboarding 48
OTA 0422L Office Practices Laboratory 24
OTA 0490 Occupational Personal Business Skills 48

480

Spring Term
* MEA 0201C Medical Assisting Clinical Procedures II 120
* MEA 0234 Pathophysiology and Disease 110
* MEA 0242 Introduction to Pharmacology 90
MEA 0255C Medical Lab Procedures I 124
* MEA 0952 Medical Assisting Seminar 36

480

Summer Term
* MEA 0521C Phlebotomist 75
* MEA 0540C EKG Aide 75

150

Fall Term
*# MEA 0800L Medical Assisting Practicum I 200

200

* Check the course descriptions for prerequisites.
# MEA 0800L must be taken at the end of the program.

NOTE: The course sequence is subject to change.
NETWORK SUPPORT SERVICES
CAREER CERTIFICATE
Program Code: 3370

Description of Program: This program is designed to prepare you for employment as a help desk support technician, installation expert, network technician, network support specialist, network designer, network installer, network administrator, and to provide continuing workforce development for those previously or currently employed in these occupations. As a Cisco® Networking Academy, SFSC is partnering with Cisco® Systems, Inc. to provide a broad foundation of knowledge and skills to prepare you for employment in network support services positions. The course content is designed to train you to design, build, and maintain sophisticated computer networks. You will learn to build networks from the ground up, beginning with network design, proper cable installation techniques, connecting and configuring internet hardware switches and routers, and troubleshooting networks when problems occur.

Length: 1050 contact hours / 35 occupational credits

Prefix Number    Course Title                Contact Hrs.
Fall Term
EEV 0570 Network Support Services I        60
* EEV 0570L Network Support Services I Lab 180
* EEV 0571 Network Support Services II      60
* EEV 0571L Network Support Services II Lab 180
   480
Spring Term
* EEV 0572 Network Support Services III     60
* EEV 0572L Network Support Services III Lab 180
* EEV 0573 Network Support Services IV       60
* EEV 0573L Network Support Services IV Lab   180
   480
Summer Term
EEV 0598 Networking Software, Security and Administration  60
EEV 0598L Networking Software, Security and Administration Lab  30
   90

Optional Certification Electives (with 180 hour corequisite lab):
EEV 0540 Introduction to PC Software          60
EEV 0546 MS Windows Operating System (Server) 60
EEV 0547 MS Windows Operating System (Workstation) 60
EEV 0560 Introduction to PC Hardware         60
EEV 0568C PC Service - A+ Core Hardware      60
EEV 0569C PC Service - A+ OS Technologies    60
* EEV 0596 Network Security Services I       60
* EEV 0597 Network Security Services II      60

* Check the course descriptions for prerequisites.

NURSING (PRACTICAL)
CAREER CERTIFICATE
Program Code: 3400

Description of Program: This program is designed to provide you with classroom theory and clinical experience in nursing skills. The program includes the scientific principles of nursing care common to all patients and the development of the beginning skills necessary to implement a nursing care plan. Guided learning experience in the care of selected patients is provided in community facilities. Upon completion of the program, you will be eligible to take the NCLEX-PN® exam for licensure as a Licensed Practical Nurse (LPN). The program is approved by the Florida Board of Nursing. This Board has the authority to deny a license to you, if you are found guilty of violating Section 456.0635, Florida Statutes (F.S.).

Length: 1350 contact hours / 45 occupational credits

This is a limited access program. Admission to this program occurs once per year. Online applications will be accepted until the posted deadline date at 11:59 p.m. Visit southflorida.edu/healthsciences for important application information and deadlines.

ADMISSION REQUIREMENTS

1. Completed online SFSC Admissions Application.

2. Demonstrate competency in English, reading, and math. You may satisfy this requirement by completing any one of the following options prior to application to the program:
   • Earn an associate degree or higher; or
   • Entered 9th grade in Florida public school in the 2003-2004 school year, or any year thereafter, and earned a Florida standard high school diploma; or
   • Earned a State of Florida High School Equivalency Diploma (GED) within two years of admission; or
   • Attained the following scores on approved testing (if TABE is being used to establish competency, target scores must be achieved prior to program exit):

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<thead>
<tr>
<th>Exam Score</th>
<th>Score</th>
</tr>
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<tbody>
<tr>
<td>Math</td>
<td>657 or higher</td>
</tr>
<tr>
<td>Reading</td>
<td>617 or higher</td>
</tr>
<tr>
<td>Language</td>
<td>631 or higher</td>
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</table>

<table>
<thead>
<tr>
<th>Exam Score</th>
<th>Score</th>
</tr>
</thead>
<tbody>
<tr>
<td>Math</td>
<td>11</td>
</tr>
<tr>
<td>English</td>
<td>11</td>
</tr>
</tbody>
</table>
Language 11

PERT (FL Education Readiness Test)
Reading 106
Writing 103
Mathematics 114

SAT, The College Board (Since March 1, 2016)
Reading Test 24
Writing and Language Test 25
Math Test 24

ACT with Writing or ACT
Reading 19
English 17
Mathematics 19

3. Official high school transcript, GED, or equivalent verifying proof of high school graduation.
4. Completion of ATI TEAS® entrance exam.
5. All required developmental courses must be completed prior to application to the nursing programs.

ADMISSION PROCEDURES

You are responsible for the following admissions procedures and for ensuring that your records are complete in the Admissions, Registration, and Records Office. No application will be considered unless it is complete.

I. Submit the following to apply to the program:
   A. Completed online SFSC Admissions Application, select Nursing (Practical) major/program.
   B. Official high school/GED transcript.
   C. Official transcript from each postsecondary institution.
   D. Placement test scores.
   E. Take ATI TEAS® entrance exam.
   F. Submit references from the following sources may be mailed or delivered by hand if in a sealed envelope:
      • Current or most recent employer or instructor.
      • Person of your choice other than a relative.

II. Once accepted into the program, you will receive instructions to complete the following:
   A. Physical health exam and a record of immunizations from a licensed physician or nurse practitioner (forms will be provided after acceptance into the program).
   B. Florida Department of Law Enforcement fingerprinting (will be scheduled prior to enrollment).
   C. Ten-panel drug screen.
   D. You will be required to submit program documentation through a third party compliance company throughout the program.

NOTE: Failure to complete these requirements will result in loss of enrollment into the program.

SELECTION CRITERIA

There are specific criteria which will be used when making selections for the program. These criteria are as follows:

1. The ATI TEAS® is the entrance exam for limited access nursing programs (PN, LPN to RN, and Generic RN). The Test of Essential Academic Skills (ATI TEAS®) measures basic essential skills in the academic content area domains of reading, mathematics, science, and English and language usage.

   You will have 209 minutes to complete the exam which consists of the following four subtests:
   • The READING subtest covers paragraph comprehension, passage comprehension, and inferences/conclusions (53 questions).
   • The MATH subtest covers whole numbers, metric conversions, fractions and decimals, algebraic equations, percentages, and ratio/proportion (36 questions).
   • The SCIENCE portion of the exam covers science reasoning, science knowledge, biology, chemistry, anatomy and physiology, basic physical principles, and general science (53 questions).
   • The ENGLISH and LANGUAGE usage subtest measures knowledge of punctuation, grammar, sentence structure, contextual words, and spelling (28 questions).

   ATI TEAS® components target scores:

<table>
<thead>
<tr>
<th>Test Content Areas</th>
<th>Target Score</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reading</td>
<td>70%</td>
</tr>
<tr>
<td>Math</td>
<td>65%</td>
</tr>
<tr>
<td>English</td>
<td>65%</td>
</tr>
<tr>
<td>Science</td>
<td>65%</td>
</tr>
</tbody>
</table>

The target scores to be considered for admission to the program are competitive. Scores in the mid-70 range and higher are predictive of program acceptance and success; however, scores in this range do not guarantee acceptance. Scores are reviewed annually and are, therefore, subject to change based on current ATI® data.

Applicants who wish to retake the exam to achieve a higher score must retake the entire exam. There must be a minimum of three (3) months between test dates. Each test is considered a combined complete entity. There will be NO combination of scores from separate tests. ATI TEAS® exam results are valid for five (5) years.
Test preparation materials are available in the SFSC Campus Store (Highlands Campus), SFSC Library, and online at attesting.com.

2. Satisfactory physical, mental, and dental health as certified by a licensed health care provider. Certification of satisfactory health and immunizations are requirements for admission to the nursing program. Students will not be able to register until all documentation is submitted.

3. Review of professional references.

**SELECTION PROCESS**

I. If you meet the minimum requirements by application deadline, you will be rank ordered, highest to lowest, based on your earned Test of Essential Academic Skills (ATI TEAS®) score.

II. In cases where all credentials are equal, the following criteria will be used in the given sequence to determine who will be admitted into the program:

A. Residence in service district.
B. Completed application date.

**GENERAL INFORMATION**

1. SFSC reserves the right to deny admission to you, if you lack the necessary qualifications for PN Program. You must reapply if you wish to be considered for a subsequent class. Each class is selected from a new applicant pool.

2. Expenses (approximate) incurred upon acceptance to the program include a Level II background screening, a 10-panel drug screen, CPR certification, and online document manager.

   - CPR: $65
   - Drug Screen/Document Tracker: $70
   - FDE Level II Background Check: $62
   - Physical Examination: Variable
   - Required Titors and Immunizations: Variable

3. The nursing program at SFSC has a stringent attendance policy. It is imperative that you understand and agree to abide by the published attendance standards prior to entering the program. The attendance policy is published in the Nursing Student Handbook which specifies the number of allowable absences for each portion of the program. If you have life or health conditions that might hinder attendance, you may wish to consider another program or delay application until a strong commitment to attendance can be made.

4. An official criminal history background check and a drug screen are required for entry into the Practical Nursing Program. Be aware that some providers of clinical experiences will not allow individuals with certain types of criminal history into their facilities. This may prevent entrance into the program, because such individuals would not be able to successfully complete clinical portions of the nursing program. A criminal history may also prevent you from being allowed to take the NCLEX® examination for licensure by action of the Florida Board of Nursing. For more information or questions regarding your status, contact the Board of Nursing at 850-245-4125 or access information at doh.state.fl.us/nursing.

5. SFSC is a drug-free campus. As a student, you may be required to submit to random drug testing at the student's expense.

**ACADEMIC REQUIREMENTS**

An overall grade of 75 or higher in each and every nursing course is required. Theory and clinical grades are computed separately. Minimal passing grade for each is 75%.

**APPROXIMATE PROGRAM COSTS**

<table>
<thead>
<tr>
<th>Description</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Admission fee</td>
<td>$15</td>
</tr>
<tr>
<td>Background check/drug screen/document management</td>
<td>$132</td>
</tr>
<tr>
<td>CPR</td>
<td>$65</td>
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<td>Graduation fee</td>
<td>$15</td>
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<td>Laboratory fees</td>
<td>$2,136</td>
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<td>Medical costs</td>
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<td>Tuition</td>
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<td>Textbooks</td>
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<td>Approximate Total</td>
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**Prefix Number**  **Course Title**  **Contact Hrs.**

<table>
<thead>
<tr>
<th>Term</th>
<th>Prefix Number</th>
<th>Course Title</th>
<th>Contact Hrs.</th>
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</thead>
<tbody>
<tr>
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<td>PRN 0098</td>
<td>Practical Nursing Foundations Theory</td>
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<tr>
<td></td>
<td>PRN 0098L</td>
<td>Practical Nursing Foundations Clinical</td>
<td>300</td>
</tr>
<tr>
<td></td>
<td>* PRN 0384L</td>
<td>Medical-Surgical Nursing Clinical II</td>
<td>150</td>
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<td></td>
<td>* PRN 0690</td>
<td>Comprehensive Nursing and Transitional Skills Theory</td>
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<td></td>
<td>* PRN 0690L</td>
<td>Comprehensive Nursing and Transitional Skills Clinical</td>
<td>40 300</td>
</tr>
</tbody>
</table>

* Check the course descriptions for prerequisites.
PHLEBOTOMY
CAREER CERTIFICATE
Program Code: 3550

Description of Program: This is a short certificate program designed to prepare you for employment as a phlebotomist. You will acquire skills in the areas of communication, leadership, human relations, and employment; collect blood specimens by capillary or venipuncture on adults, children and infants; consider comfort and well-being of the patient while performing blood collecting duties; and observe safety policies and procedures both in the classroom and clinical settings.

Length: 165 contact hours / 5.5 occupational credits

This is a limited access program. Visit southflorida.edu/healthsciences for important application information and deadlines.

APPLICATION REQUIREMENTS

1. Must be at least 18 years of age.
2. Complete online SFSC applications.

ADMISSION PROCEDURES

You are responsible for the following admissions procedures and for ensuring that your records are complete in the Admissions, Registration, and Records Office. No application will be considered unless it is complete.

I. Submit the following to apply to the program:
   A. Completed online SFSC Admissions Application, select Phlebotomy major/program.

II. Once accepted into the program, you will receive instructions to complete the following:
   A. Physical health exam and a record of immunizations from a licensed physician or nurse practitioner (forms will be provided after acceptance into the program).
   B. Florida Department of Law Enforcement fingerprinting (will be scheduled prior to enrollment).
   C. Ten-panel drug screen.
   D. You will be required to submit program documentation through a third party compliance company throughout the program.

NOTE: Failure to complete these requirements will result in loss of enrollment into the program.

PROFESSIONAL CULINARY ARTS AND HOSPITALITY
CAREER CERTIFICATE
Program Code: 3330

Description of Program: This career certificate prepares you for employment as a kitchen manager and operations cook. The program also provides supplemental training for persons previously or currently employed in this occupation. Course content includes kitchen organization, sanitation, and planning for production; quantity food preparation with emphasis on timing, quality, efficiency, and cost controls; detailed studies in raw materials, recipes, menu planning, and the use of institutional equipment; and banquet presentation, catering, and other specialty preparations. Lab experience is an integral portion of this program. This program includes instruction in the use of utensils, equipment, food, and procedures required to prepare meals.

Length: 1200 contact hours / 40 occupational credits

Prefix Number Course Title Contact Hrs.
FSS 0228 Food Preparation I 60
FSS 0228L Food Preparation I Lab 193
A PUBLIC SAFETY TELECOMMUNICATION CAREER CERTIFICATE
Program Code: 3352

Description of Program: The Career Certificate in Public Safety Telecommunication (PST) is designed to prepare you as a dispatcher in public safety situations. You will learn the role as a dispatcher for police, fire, and ambulance emergency dispatch processes. In this program, you will be trained to operate telephones, radios, and computer terminals responding to emergency and non-emergency requests for assistance. As a dispatcher, you will obtain vital information regarding the nature and location of requests to dispatch assistance as appropriate.

The 232-hour content includes, but is not limited to, ethics and the role of the telecommunicator; standard telecommunication operating procedures; relationship to field personnel; understanding of command levels; typical layouts of message centers; use of performance aids; overview of emergency agencies; functions and terminology; use of correct words and grammar; communications equipment, functions and terminology; types of telecommunications equipment; malfunctions and maintenance agreements; proper and correct telephone and dispatching procedures and techniques; cooperation and reciprocal agreements with other agencies; federal, State, and local communication rules; emergency situations and operating procedures; emergency medical dispatch procedures; employability skills; leadership; human relations skills; and health.

This program is taught by certified PSTs and meets the educational requirements for Florida Department of Health 911 Emergency Dispatcher Certification.

ADMISSION REQUIREMENTS

You must:
- have a high school diploma or equivalent;
- be at least 18 years of age by the end of the program;
- be a U.S. citizen of the United States of America;
- possess a valid driver’s license or valid photo ID;
- submit to a valid background fingerprint check through the SFSC Criminal Justice Academy;
- not have a conviction of any felony offenses;
- not have a record of conviction for any misdemeanor offenses involving perjury, false statement or domestic violence;
- be of good moral character;
- not have a record of a dishonorable discharge from U.S. Armed Forces;
- be proficient in using the keyboard and typing (prospective employers will set their agency standards);
- pass criminal history and background checks;
- complete a Public Safety Telecommunication Application (application can be found online at the SFSC Criminal Justice Academy website); and
- complete the SFSC Application for Admission at the Admissions, Registration, and Records Office.

Program Costs (Approximate)

| Resident PSAV Tuition | $698 |
| Application for admission to SFSC | 15 |
| Books | 50 |
| Fingerprinting | 45 |
| Graduation Fee | 15 |
| **Total** | **$823** |

| Non-Resident PSAV Tuition | $2,792 |
| Application, fees, books | 125 |
| **Total** | **$2,917** |

Length: 232 contact hours / 7.7 occupational credits

Prefix Number       Course Title                          Contact Hrs.
* EMS 0002 Dispatcher: Police, Fire, and Ambulance 232

* Check the course description for prerequisites.
Description of Program: The Commercial Air Conditioning Apprenticeship Program is sponsored by the Heartland Air Conditioning Apprenticeship Committee. Program completion requires that you perform 640 hours of related class training and 8,000 hours of on-the-job training (OJT). Related class training hours may count towards completion, but OJT hours are not recorded until you are indentured to a participating employer. The Commercial Air Conditioning Apprenticeship program is a selective admission program restricted to individuals who are employed in the air conditioning industry and are working for a participating employer. Prospective students who are currently working for a participating employer in this area are encouraged to apply for selection to the Apprenticeship Committee before August of each year. For more information, call 863-784-7278. This program is registered with the Florida Department of Education and is recognized by the United States Department of Labor, Bureau of Apprenticeship Training.

Length: 640 classroom contact hrs. and 8,000 hrs. on-the-job training / 288 occupational credits

Prefix Number Course Title Contact Hrs.

<table>
<thead>
<tr>
<th>Fall Term</th>
<th>Course Title</th>
<th>Contact Hrs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACR 0941</td>
<td>Air Conditioning I</td>
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<tr>
<td>ACR 0960</td>
<td>Air Conditioning Internship I</td>
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<tr>
<td></td>
<td></td>
<td>780</td>
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<tr>
<td>Spring Term</td>
<td>Course Title</td>
<td>Contact Hrs.</td>
</tr>
<tr>
<td></td>
<td>ACR 0942</td>
<td>80</td>
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<tr>
<td></td>
<td>Air Conditioning II</td>
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<tr>
<td></td>
<td>ACR 0961</td>
<td>700</td>
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<tr>
<td></td>
<td>Air Conditioning Internship II</td>
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<tr>
<td></td>
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<td>780</td>
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<td>Summer Term</td>
<td>Course Title</td>
<td>Contact Hrs.</td>
</tr>
<tr>
<td></td>
<td>ACR 0962</td>
<td>600</td>
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<tr>
<td></td>
<td>Air Conditioning Internship III</td>
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<td></td>
<td></td>
<td>600</td>
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<tr>
<td>Fall Term</td>
<td>Course Title</td>
<td>Contact Hrs.</td>
</tr>
<tr>
<td></td>
<td>ACR 0943</td>
<td>80</td>
</tr>
<tr>
<td></td>
<td>Air Conditioning III</td>
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<td>ACR 0963</td>
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<td></td>
<td></td>
<td>780</td>
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<tr>
<td>Spring Term</td>
<td>Course Title</td>
<td>Contact Hrs.</td>
</tr>
<tr>
<td></td>
<td>ACR 0944</td>
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<tr>
<td></td>
<td>Air Conditioning IV</td>
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<tr>
<td></td>
<td>ACR 0964</td>
<td>700</td>
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<tr>
<td></td>
<td>Air Conditioning Internship V</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>780</td>
</tr>
<tr>
<td>Summer Term</td>
<td>Course Title</td>
<td>Contact Hrs.</td>
</tr>
<tr>
<td></td>
<td>ACR 0965</td>
<td>600</td>
</tr>
<tr>
<td></td>
<td>Air Conditioning Internship VI</td>
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</tr>
<tr>
<td></td>
<td></td>
<td>600</td>
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<tr>
<td>Fall Term</td>
<td>Course Title</td>
<td>Contact Hrs.</td>
</tr>
<tr>
<td></td>
<td>ACR 0945</td>
<td>80</td>
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<tr>
<td></td>
<td>Air Conditioning V</td>
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</tr>
<tr>
<td></td>
<td>ACR 0966</td>
<td>700</td>
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<tr>
<td></td>
<td>Air Conditioning Internship VII</td>
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</tr>
<tr>
<td></td>
<td></td>
<td>780</td>
</tr>
</tbody>
</table>

* Check the course descriptions for prerequisites.

NOTE: Apprentices must also document 8,000 hours of appropriate on-the-job training and pass the Journeyman Air Conditioning Mechanic Exam.

Description of Program: The Heartland Electrical Apprenticeship Committee sponsors the Electrical Apprenticeship program. Program completion requires that you perform 640 hours of related class training and 8,000 hours of on-the-job training (OJT). Related class training hours may count towards completion, but OJT hours are not recorded until you are indentured to a participating employer. The Electrical Apprenticeship program is a selective admission program restricted to individuals who are employed in the electrical industry and are working for a participating employer. Prospective students who are currently working for a participating employer in this area are encouraged to apply for selection to the Apprenticeship Committee before August of each year. For more information, call 863-784-7278. This program is registered with the Florida Department of Education and is recognized by the United States Department of Labor, Bureau of Apprenticeship Training. This is a limited access program.

Length: 640 classroom contact hours and 8,000 hours on-the-job training / 288 occupational credits
Prefix Number | Course Title | Contact Hrs.
---|---|---
**Fall Term**
BCA 0350 | Electrical Wiring I | 80
BCA 0358 | Electrical Internship I | 700
780

**Spring Term**
* BCA 0351 | Electrical Wiring II | 80
* BCA 0359 | Electrical Internship II | 700
780

**Summer Term**
* BCA 0361 | Electrical Internship III | 600
600

**Fall Term**
* BCA 0352 | Electrical Wiring III | 80
* BCA 0362 | Electrical Internship IV | 700
780

**Spring Term**
* BCA 0353 | Electrical Wiring IV | 80
* BCA 0364 | Electrical Internship V | 700
780

**Summer Term**
* BCA 0365 | Electrical Internship VI | 600
600

**Fall Term**
* BCA 0354 | Electrical Wiring V | 80
* BCA 0367 | Electrical Internship VII | 700
780

**Spring Term**
* BCA 0355 | Electrical Wiring VI | 80
* BCA 0368 | Electrical Internship VIII | 700
780

**Summer Term**
* BCA 0392 | Electrical Internship IX | 600
600

**Fall Term**
* BCA 0356 | Electrical Wiring VII | 80
* BCA 0393 | Electrical Internship X | 700
780

**Spring Term**
* BCA 0357 | Electrical Wiring VIII | 80
* BCA 0394 | Electrical Internship XI | 700
780

**Summer Term**
* BCA 0395 | Electrical Internship XII | 600
600

* Check the course descriptions for prerequisites.

**NOTE:** Apprentices must document 8,000 hours of appropriate on-the-job training.

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**ELECTRICAL LINEMAN APPRENTICESHIP**
Program Code: 3905

**Description of Program:** The program is designed to introduce you to the historic and current methods and procedures of entry-level job skills of electrical lineman. Topics include safety, required mathematics, electrical concepts, measuring electric output, understanding A.C. current, design of three phase systems, transformers and their installation, distribution and transmission poles, underground distribution systems, application of meters, phasing and measuring voltage and current, and an understanding of overall electrical system operations. The instruction consists of classroom study and hands-on practice. Program completion requires that you perform 640 hours of related classroom training, 8,000 hours of internship and on-the-job training (OJT). The Electrical Lineman Apprenticeship program is a selective admission program restricted to individuals who are employed in the electrical industry and are working for a participating employer. Prospective students who are currently working for a participating employer in this area are encouraged to apply for selection to the Apprenticeship Committee before August of each year. For more information, call 863-784-7061.

**Length:** 640 classroom contact hours, 8,000 hours of internship and on-the-job training / 288 occupational credits

**Prefix Number | Course Title | Contact Hrs.**
---|---|---
**Fall Term**
ETP 0180 | Lineman Apprenticeship I | 80
ETP 0941 | Lineman Internship I | 700
780

**Spring Term**
* ETP 0181 | Lineman Apprenticeship II | 80
* ETP 0942 | Lineman Internship II | 700
780

**Summer Term**
* ETP 0943 | Lineman Internship III | 600
600

**Fall Term**
* ETP 0182 | Lineman Apprenticeship III | 80
* ETP 0944 | Lineman Internship IV | 700
780

**Spring Term**
* ETP 0183 | Lineman Apprenticeship IV | 80
* ETP 0945 | Lineman Internship V | 700
780

**Summer Term**
* ETP 0946 | Lineman Internship VI | 600
600

**Fall Term**
* ETP 0184 | Lineman Apprenticeship V | 80
* ETP 0947 | Lineman Internship VII | 700
780

### Description of Program

The Plumbing Technology Apprenticeship program is sponsored by the Heartland Plumbing Apprenticeship Committee. Program completion requires that you perform 640 hours of related class training and 8,000 hours of on-the-job training (OJT). Related class training hours may count towards completion, but OJT hours are not recorded until you are indentured to a participating employer. The Plumbing Technology Apprenticeship program is a selective admission program restricted to individuals who are employed in the plumbing industry and are working for a participating employer. Prospective students who are currently working for a participating employer in this area are encouraged to apply for selection to the Apprenticeship Committee before August of each year. For more information, call 863-784-7278. This program is registered with the Florida Department of Education and is recognized by the United States Department of Labor, Bureau of Apprenticeship Training. This is a limited access program.

### Length

- 640 classroom contact hours and 8,000 hours on-the-job training / 288 occupational credits

### Prefix Number | Course Title | Contact Hrs.
--- | --- | ---

**Fall Term**

<table>
<thead>
<tr>
<th>Prefix Number</th>
<th>Course Title</th>
<th>Contact Hrs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>BCA 0450</td>
<td>Plumbing I</td>
<td>80</td>
</tr>
<tr>
<td>BCA 0401</td>
<td>Plumbing Internship I</td>
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**Spring Term**

<table>
<thead>
<tr>
<th>Prefix Number</th>
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</thead>
<tbody>
<tr>
<td>BCA 0451</td>
<td>Plumbing II</td>
<td>80</td>
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<tr>
<td>BCA 0402</td>
<td>Plumbing Internship II</td>
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**Summer Term**

<table>
<thead>
<tr>
<th>Prefix Number</th>
<th>Course Title</th>
<th>Contact Hrs.</th>
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</thead>
<tbody>
<tr>
<td>BCA 0403</td>
<td>Plumbing Internship III</td>
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**Fall Term**

<table>
<thead>
<tr>
<th>Prefix Number</th>
<th>Course Title</th>
<th>Contact Hrs.</th>
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</thead>
<tbody>
<tr>
<td>BCA 0452</td>
<td>Plumbing III</td>
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<tr>
<td>BCA 0404</td>
<td>Plumbing Internship IV</td>
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**Spring Term**

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<tr>
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<tbody>
<tr>
<td>BCA 0455</td>
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<td>BCA 0408</td>
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**Summer Term**

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<tbody>
<tr>
<td>BCA 0409</td>
<td>Plumbing Internship IX</td>
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**Fall Term**

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<th>Contact Hrs.</th>
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</thead>
<tbody>
<tr>
<td>BCA 0456</td>
<td>Plumbing VII</td>
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</tr>
<tr>
<td>BCA 0426</td>
<td>Plumbing Internship X</td>
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</table>

**Spring Term**

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<th>Prefix Number</th>
<th>Course Title</th>
<th>Contact Hrs.</th>
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</thead>
<tbody>
<tr>
<td>BCA 0457</td>
<td>Plumbing VIII</td>
<td>80</td>
</tr>
<tr>
<td>BCA 0427</td>
<td>Plumbing Internship XI</td>
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</table>

**Summer Term**

<table>
<thead>
<tr>
<th>Prefix Number</th>
<th>Course Title</th>
<th>Contact Hrs.</th>
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</thead>
<tbody>
<tr>
<td>BCA 0428</td>
<td>Plumbing Internship XII</td>
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</tbody>
</table>

* Check the course descriptions for prerequisites.

**NOTE:** Apprentices must document 8,000 hours of appropriate on-the-job training.
BACCALAUREATE DEGREE PROGRAMS

Program Offerings by Location

Program Guides

- Elementary Education - B.S.E.E.
  Admission Requirements
  Selection Process

- Nursing - B.S.N.
  Admission Requirements
  Admission Procedures
  Exit Requirements

- Supervision and Management - B.A.S.
  Admission Requirements
  Academic Requirements
# Baccalaureate Programs

<table>
<thead>
<tr>
<th>Program Offerings by Location</th>
<th>Highlands Campus</th>
<th>DeSoto Campus</th>
<th>Hardee Campus</th>
<th>Online*</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Education</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Elementary Education - B.S. Degree</td>
<td>X</td>
<td></td>
<td></td>
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</tr>
<tr>
<td><strong>Nursing Education</strong></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Nursing - B.S.N. Degree</td>
<td>X</td>
<td></td>
<td></td>
<td>X</td>
</tr>
<tr>
<td><strong>Supervision/Management</strong></td>
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</tr>
<tr>
<td>Supervision and Management - B.A.S. Degree</td>
<td>X</td>
<td></td>
<td></td>
<td>X</td>
</tr>
</tbody>
</table>

*Online course offerings available for selected courses.
**ELEMENTARY EDUCATION**
**BACHELOR OF SCIENCE**
Program Code: 7710

**Description of Program:** The Bachelor of Science in Elementary Education prepares you to become highly qualified teachers who work in diverse educational settings in grades kindergarten through 6. Graduates of this program earn Florida certification in Elementary K-6 with ESOL and Reading Endorsements.

You may apply for the program at any time throughout the year. The BSEE program begins every fall term. You must attend full time. This is a limited access program.

Length: 120 credit hours

**ADMISSION REQUIREMENTS**
- You must complete an Application for Admission indicating interest in entering the Bachelor of Science in Elementary Education (BSEE) program. Applications are available online at southflorida.edu.
- You must have successfully completed an Associate in Arts degree from a regionally accredited college or university. Associate degrees in unrelated fields will be reviewed on a case-by-case basis.
- You must have passed the General Knowledge portion of the Florida Teacher Certification Exam.
- You must complete the Education Common Program Prerequisite course, EDF 1005, with a minimum letter grade of C or higher.
- You must provide official transcripts from all previous educational institutions attended.
- If you are an international student, you must have your transcripts evaluated by a recognized international transcript evaluation service.
- You must provide official transcripts from all previous educational institutions attended.
- You must have a minimum cumulative GPA of 2.5 on a 4.0 scale.
- You must successfully complete the school board’s volunteer or employment application, background check, and fingerprinting process for interning in the schools.
- You must demonstrate proficiency in foreign language through either completion of two years of high school instruction in the same foreign language, or completion of two sequential college terms in a foreign language, per Section 1007.262, Florida Statutes (F.S.).
- You must have completed the Florida Subject Area Exam and Professional Educator Exam prior to graduation. Students cannot graduate if these exams are not passed. Students must also complete all requirements for the ESOL and Reading endorsements in order to apply for those endorsements when applying for State certification.

**SELECTION PROCESS**
- If you meet the minimum requirements by the application deadline, you will be rank ordered by GPA, highest to lowest.
- In cases where all credentials are equal, the prerequisite course GPA will be used to determine who will be admitted into the program (GPA from EDF 1005).

<table>
<thead>
<tr>
<th>Prefix Number</th>
<th>Course Title</th>
<th>Credit Hrs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fall Term</td>
<td></td>
<td></td>
</tr>
<tr>
<td>* EDF 3467</td>
<td>Learning Theory and Assessment</td>
<td>3</td>
</tr>
<tr>
<td>* EDG 3442</td>
<td>Teaching Strategies and Classroom Management</td>
<td>3</td>
</tr>
<tr>
<td>* LAE 3414</td>
<td>Literature for Children</td>
<td>3</td>
</tr>
<tr>
<td>* RED 3012</td>
<td>Basic Foundations of Reading</td>
<td>3</td>
</tr>
<tr>
<td>* TSL 3243</td>
<td>Foundations of ESOL: Second Language Acquisition, Communication, and Culture</td>
<td>3</td>
</tr>
<tr>
<td>Spring Term</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EEX 3070</td>
<td>Teaching Exceptional Students</td>
<td>3</td>
</tr>
<tr>
<td>LAE 3314</td>
<td>Language Arts in the Elementary School</td>
<td>3</td>
</tr>
<tr>
<td>* RED 3519</td>
<td>Diagnostic and Corrective Reading Strategies</td>
<td>3</td>
</tr>
<tr>
<td>SCE 3310</td>
<td>Teaching Science in the Elementary School</td>
<td>3</td>
</tr>
<tr>
<td>SSE 3312</td>
<td>Teaching Social Science in the Elementary School</td>
<td>3</td>
</tr>
<tr>
<td>Summer Term</td>
<td></td>
<td></td>
</tr>
<tr>
<td>* EDF 4603</td>
<td>Analysis and Application of Ethical, Legal, and Safety Issues in Schools</td>
<td>3</td>
</tr>
<tr>
<td>Fall Term</td>
<td></td>
<td></td>
</tr>
<tr>
<td>* EDE 4223</td>
<td>Integrated Arts, Music and Physical Education in the Elementary School</td>
<td>3</td>
</tr>
<tr>
<td>* EDE 4942</td>
<td>Elementary Education Internship II</td>
<td>3</td>
</tr>
<tr>
<td>* MAE 4314</td>
<td>How Children Learn Mathematics</td>
<td>3</td>
</tr>
<tr>
<td>* RED 4942</td>
<td>Practicum for Assessment and Instruction of Reading</td>
<td>3</td>
</tr>
<tr>
<td>TSL 4347</td>
<td>Methods of Teaching and Assessing ESOL Students</td>
<td>3</td>
</tr>
<tr>
<td>Spring Term</td>
<td></td>
<td></td>
</tr>
<tr>
<td>* EDE 4943</td>
<td>Elementary Education Internship III</td>
<td>12</td>
</tr>
<tr>
<td></td>
<td></td>
<td>12</td>
</tr>
</tbody>
</table>

* Check the course descriptions for prerequisites or corequisites.

**NOTE:** Subject Area Exam and Professional Educator Exam must be passed prior to graduation. Students cannot graduate if these State exams are not passed. Students must also complete all requirements for the ESOL and Reading endorsements in order to apply for those endorsements when applying for State certification.
NURSING
BACHELOR OF SCIENCE
Program Code: 7610

Description of Program: The Registered Nurse (RN) to Bachelor of Science (BSN) completion nursing program is designed for the Associate Degree in Nursing (ADN) program graduate. A RN license in the State of Florida or multi-state license under the enhanced Nurse Licensure Compact (NLC) is required for admission. The program builds a connection between prior education competencies and baccalaureate essentials for contemporary practice. The program’s theoretical framework is grounded in Nursing as Caring with a holistic approach to practice. The Quality Caring Model® guides the student learning outcomes. The topics presented in RN to BSN coursework include, but are not limited to the following concepts: professionalism, scope of practice, legal and ethical considerations, inquiry, evidence-based research, gerontology, healthcare policy, interdisciplinary collaboration, community health, informatics, cultural implications, infection control, advanced clinical care, nurse as teacher, health promotion, prevention, quality, service, leadership, and relationship-centered caring. Upon enrollment, you will select a specialty focus in leadership and management or critical care.

Licensed RNs may apply and enroll in this fully online program year-round. It is NOT limited access.

Length: 120 credit hours

ADMISSION REQUIREMENTS
1. You must have earned an ADN from an accredited institution;
2. You must be a licensed RN with a current unencumbered Florida license;
3. You must present evidence of current certification in Basic Life Support (BLS) for the Healthcare Provider (American Heart Association) or higher; and
4. You must provide official transcripts from all colleges currently attending or previously attended (international students must have their transcripts evaluated by a recognized international transcript evaluation service).

ADMISSION PROCEDURES
You are responsible for the following admissions procedures and for ensuring that your records are complete in the Admissions, Registration, and Records Office. No application will be considered unless it is complete.

I. Submit the following to apply to the program:
   A. Completed online SFSC Admissions Application, select Nursing (Bachelor of Science) RN to BSN major/program.

II. Upon enrollment, you will receive instructions to complete the following:
   A. Physical health exam and a record of immunizations from a licensed physician or nurse practitioner (forms will be provided after acceptance into the program).
   B. Florida Department of Law Enforcement fingerprinting (will be scheduled prior to enrollment).
   C. Ten-panel drug screen.
   D. You will be required to submit program documentation through a third party compliance company throughout the program.

NOTE: Failure to complete these requirements will result in loss of enrollment into the program.

EXIT REQUIREMENTS
1. Demonstrate proficiency in a foreign language through either completion of two years of high school instruction in the same foreign language, or completion of two sequential college terms in a foreign language, per Section 1007.262, Florida Statutes (F.S.);
2. Minimum grade of B in all BSN upper division courses.

Prefix Number Course Title Credit Hrs.

<table>
<thead>
<tr>
<th>Term</th>
<th>Course Title</th>
<th>Credit Hrs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fall Term</td>
<td>Introducing General Chemistry (No Lab Required)</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Health Assessment, Wellness, and Prevention</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Dimensions of Baccalaureate Nursing Practice</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Inquiry and Evidence in Nursing Practice</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Pathophysiology for Nursing Practice</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Pharmacology for Nursing Practice</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Foundations of Gerontology</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Elementary Statistics (GE)</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Freshman English II (GE)</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Complementary and Alternative Therapies in Healthcare</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Community Health Nursing</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Foundations of Nursing Healthcare Leadership and Management</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Nursing Capstone</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Fundamentals of Speech Communication (GE)</td>
<td>3</td>
</tr>
</tbody>
</table>
* Humanities Elective (GE) 3
* Nursing Elective 3

Nursing Electives:
  Leadership and Management Specialty Focus:
  MAN 3301 Human Resource Management 3
  Critical Care Specialty Focus:
  NUR 4257 Advanced Nursing Care Concepts 3

* It is your responsibility to meet with the instructional supervisor or counselor to select the proper course to fulfill this requirement.
+ Per Florida Common Prerequisite Manual (2013), any CHM course can be substituted for this 3 credit course.
^ You must also complete MAC 1105 College Algebra or higher if not included in A.S. degree coursework.

4. If you are a college or university transfer applicant, you must have at least 60 college-credit hours, with a minimum cumulative GPA of 2.0 on a 4.0 scale in relevant transfer courses that apply toward the BAS-SM degree.

5. You must demonstrate proficiency in foreign language through either completion of two years of high school instruction in the same foreign language, or completion of two sequential college terms in a foreign language, per Section 1007.262, Florida Statutes (F.S.).

ACADEMIC REQUIREMENTS

The BAS-SM is a 120-credit hour program consisting of 36 credit hours of general education courses, 42 credit hours of lower-level specialized courses, and 42 credit hours of upper-level courses in supervision and management.

If you already have an Associate in Arts degree, you may articulate into the BAS-SM program. You will be able to transfer 60 credit hours that include 36 credit hours of general education courses. You must complete an additional 18 credit hours of lower-level specialization courses (such as business, finance, management, computer, health care, and public service) and 42 credit hours of upper-level courses.

If you already have an Associate in Science or equivalent degree in a business-related, health-related, or public service-related program, you will be able to articulate into the BAS-SM program. You will be able to transfer 60 credit hours that include 18 credit hours of general education courses and 42 credit hours of lower-level specialized courses. You must complete an additional 18 credit hours of general education courses and 42 credit hours of upper-level courses.

If you have not completed an associate degree in business administration or management, the following courses are suggested. Several of these courses are prerequisites for specific BAS-SM upper-level courses.

Prefix Number Course Title Credit Hrs.

<table>
<thead>
<tr>
<th>Fall Term</th>
<th>Course Title</th>
<th>Credit Hrs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEB 3213</td>
<td>Advanced Business Communication</td>
<td>3</td>
</tr>
<tr>
<td>MAN 3240</td>
<td>Organizational Behavior</td>
<td>3</td>
</tr>
<tr>
<td>MAN 3303</td>
<td>Leadership and Management Practices</td>
<td>3</td>
</tr>
<tr>
<td>**</td>
<td>General Education Course/Technical Elective</td>
<td>3</td>
</tr>
<tr>
<td>**</td>
<td>General Education Course/Technical Elective</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td></td>
<td>15</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Spring Term</th>
<th>Course Title</th>
<th>Credit Hrs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUL 4310</td>
<td>Legal and Ethical Environment</td>
<td>3</td>
</tr>
<tr>
<td>* MAN 3301</td>
<td>Human Resource Management</td>
<td>3</td>
</tr>
<tr>
<td>*# ACG 3024</td>
<td>Accounting for Managers and Investors</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>(non-majors) or Accounting Equivalent</td>
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</tr>
<tr>
<td>**</td>
<td>General Education Course/Technical Elective</td>
<td>3</td>
</tr>
<tr>
<td>**</td>
<td>General Education Course/Technical Elective</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td></td>
<td>15</td>
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</table>

<table>
<thead>
<tr>
<th>Fall Term</th>
<th>Course Title</th>
<th>Credit Hrs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>* FIN 4403</td>
<td>Business Finance</td>
<td>3</td>
</tr>
<tr>
<td>GEB 4891</td>
<td>Strategic Planning</td>
<td>3</td>
</tr>
<tr>
<td>Course Code</td>
<td>Course Title</td>
<td>Credits</td>
</tr>
<tr>
<td>------------</td>
<td>--------------------------------------------------</td>
<td>---------</td>
</tr>
<tr>
<td>MAN 3504</td>
<td>Operations Management</td>
<td>3</td>
</tr>
<tr>
<td>**</td>
<td>General Education Course/Technical Elective</td>
<td>3</td>
</tr>
<tr>
<td>**</td>
<td>General Education Course/Technical Elective/</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Supervision and Management Elective</td>
<td>3</td>
</tr>
<tr>
<td>**</td>
<td>Supervision and Management Elective</td>
<td>15</td>
</tr>
<tr>
<td>Spring Term</td>
<td></td>
<td>15</td>
</tr>
<tr>
<td>* ISM 4011</td>
<td>Introduction to Management Information Systems</td>
<td>3</td>
</tr>
<tr>
<td>MAN 4342</td>
<td>Supervisory Skills</td>
<td>3</td>
</tr>
<tr>
<td>MAN 4900</td>
<td>Capstone: Supervision and Management</td>
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<tr>
<td>**</td>
<td>Supervision and Management Elective</td>
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</tr>
<tr>
<td>**</td>
<td>Supervision and Management Elective</td>
<td>15</td>
</tr>
</tbody>
</table>

* Check the course descriptions for prerequisites.
** It is your responsibility to meet with a counselor to select the proper course to fulfill this requirement.
# If ACG 2021 or ACG 2011 has been completed, you should take a supervision and management elective.

** Supervision and Management Electives:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEB 4356</td>
<td>International Business</td>
<td>3</td>
</tr>
<tr>
<td>MAN 4045</td>
<td>Effective Team Management</td>
<td>3</td>
</tr>
<tr>
<td>MAN 4120</td>
<td>Interpersonal Dynamics</td>
<td>3</td>
</tr>
<tr>
<td>MAN 4583</td>
<td>Project Management and Planning</td>
<td>3</td>
</tr>
<tr>
<td>* MAR 4802</td>
<td>Marketing for Managers</td>
<td>3</td>
</tr>
</tbody>
</table>
COURSE INFORMATION

Florida’s Statewide Course Numbering System
   General Rule for Course Equivalencies
   The Course Prefix
   Authority for Acceptance of Equivalent Courses
   Exceptions to the General Rule for Equivalency
   Courses at Non-regionally Accredited Institutions

SFSC Course Descriptions and Cross-References

Areas of Study to Course Prefixes
Description of Course Codes
Course Descriptions
Courses in this catalog are identified by prefixes and numbers that were assigned by Florida’s Statewide Course Numbering System (SCNS). This numbering system is used by all public postsecondary institutions in Florida and by participating nonpublic institutions. The major purpose of this system is to facilitate the transfer of courses between participating institutions. Students and administrators can use the online SCNS to obtain course descriptions and specific information about course transfer between participating Florida institutions. This information is at the SCNS website at scns.fldoe.org.

Each participating institution controls the title, credit, and content of its own courses and recommends the first digit of the course number to indicate the level at which students normally take the course. Course prefixes and the last three digits of the course numbers are assigned by members of faculty discipline committees appointed for that purpose by the Florida Department of Education in Tallahassee. Individuals nominated to serve on these committees are selected to maintain a representative balance as to type of institution and discipline field or specialization.

The course prefix and each digit in the course number have a meaning in the SCNS. The listing of prefixes and associated courses is referred to as the “SCNS taxonomy.” Descriptions of the content of courses are referred to as “statewide course profiles.”

### EXAMPLE OF COURSE IDENTIFIER

<table>
<thead>
<tr>
<th>Prefix</th>
<th>Level Code (first digit)</th>
<th>Century Digit (second digit)</th>
<th>Decade Digit (third digit)</th>
<th>Unit Digit (fourth digit)</th>
<th>Lab Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENC</td>
<td>1</td>
<td>1</td>
<td>0</td>
<td>1</td>
<td>No laboratory component in this course</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Prefix</th>
<th>Level Code (first digit)</th>
<th>Century Digit (second digit)</th>
<th>Decade Digit (third digit)</th>
<th>Unit Digit (fourth digit)</th>
<th>Lab Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Composition</td>
<td>Lower (Freshman) Level at this institution</td>
<td>Freshman Composition</td>
<td>Freshman Composition Skills</td>
<td>Freshman Composition Skills I</td>
<td>No laboratory component in this course</td>
</tr>
</tbody>
</table>

### GENERAL RULE FOR COURSE EQUIVALENCIES

Equivalent courses at different institutions are identified by the same prefixes and same last three digits of the course number and are guaranteed to be transferable between participating institutions that offer the course, with a few exceptions, as listed below in *Exception to the General Rule for Equivalency*.

For example, a freshman composition skills course is offered by 84 different public and nonpublic postsecondary institutions. Each institution uses ENC_101 to identify its freshman composition skills course. The level code is the first digit and represents the year in which students normally take the course at a specific institution. In the SCNS taxonomy, ENC means “English Composition,” the century digit 1 represents “Freshman Composition,” the decade digit 0 represents “Freshman Composition Skills,” and the unit digit 1 represents “Freshman Composition Skills I.”

In the sciences and certain other areas, a C or L after the course number is known as a lab indicator. The C represents a combined lecture and laboratory course that meets in the same place at the same time. The L represents a laboratory course or the laboratory part of a course that has the same prefix and course number but meets at a different time or place.

Transfer of any successfully completed course from one participating institution to another is guaranteed in cases where the course to be transferred is equivalent to one offered by the receiving institution. Equivalencies are established by the same prefix and last three digits and comparable faculty credentials at both institutions. For example, ENC 1101 is offered at a State college. The same course is offered at a State university as ENC 2101. A student who has successfully completed ENC 1101 at a Florida College System institution is guaranteed to receive transfer credit for ENC 2101 at the State university if the student transfers. The student cannot be required to take ENC 2101 again since ENC 1101 is equivalent to ENC 2101. Transfer credit must be awarded for successfully completed equivalent courses and used by the receiving institution to determine satisfaction of requirements by transfer students on the same basis as credit awarded to the native students. It is the prerogative of the receiving institution, however, to offer transfer credit for courses successfully completed that have not been designated as equivalent. **NOTE:** Credit generated at institutions on the quarter-term system may not transfer the equivalent number of credits to institutions on semester-term systems. For example, 4.0 quarter hours often transfer as 2.67 semester hours.
THE COURSE PREFIX

The course prefix is a three-letter designator for a major division of an academic discipline, subject matter area, or subcategory of knowledge. The prefix is not intended to identify the department in which a course is offered. Rather, the content of a course determines the assigned prefix to identify the course.

AUTHORITY FOR ACCEPTANCE OF EQUIVALENT COURSES

Section 1007.24(7), Florida Statutes (F.S.) states: Any student who transfers among postsecondary institutions that are fully accredited by a regional or national accrediting agency recognized by the United States Department of Education and that participate in the SCNS shall be awarded credit by the receiving institution for courses satisfactorily completed by the student at the previous institutions. Credit shall be awarded, if the courses are judged by the appropriate SCNS faculty committees representing school districts, public postsecondary educational institutions, and participating nonpublic postsecondary educational institutions to be academically equivalent to courses offered at the receiving institution, including equivalency of faculty credentials, regardless of the public or nonpublic control of the previous institution. The Department of Education shall ensure that credits be accepted by a receiving institution are generated in courses which the faculty possess credentials that are comparable to those required by the accrediting association of the receiving institution. The award of credit may be limited to courses that are entered in the SCNS. Credits awarded pursuant to this subsection shall satisfy institutional requirements on the same basis as credits awarded to native students.

EXCEPTIONS TO THE GENERAL RULE FOR EQUIVALENCY

Since the initial implementation of the SCNS, specific disciplines or types of courses have been excepted from the guarantee of transfer for equivalent courses. These include courses that must be evaluated individually or courses in which the student must be evaluated for mastery of skill and technique. The following courses are exceptions to the general rule for course equivalencies and may not transfer. Transferability is at the discretion of the receiving institution.

A. Courses not offered by the receiving institution.
B. For courses at non-regionally accredited institutions, courses offered prior to the established transfer date of the course in question.
C. Courses in the _900-999 series are not automatically transferable, and must be evaluated individually. These include such courses as Special Topics, Internships, Apprenticeships, Practica, Study Abroad, Theses and Dissertations.
D. Applied academics for adult education courses.
E. Graduate courses.
F. Internships, apprenticeships, practica, clinical experiences and study abroad courses with numbers other than those ranging from 900-999.
G. Applied courses in the performing arts (Art, Dance, Interior Design, Music, and Theatre) and skills courses in Criminal Justice (academy certificate courses) are not guaranteed as transferable. These courses need evidence of achievement (e.g., portfolio, audition, interview, etc.).

COURSES AT NON-REGIONALLY ACCREDITED INSTITUTIONS

The SCNS makes available on its homepage (scns.fldoe.org) a report entitled “Courses at Nonregionally Accredited Institutions” that contains a comprehensive listing of all nonpublic institution courses in the SCNS inventory, as well as each course’s transfer level and transfer effective date. This report is updated monthly.

Questions about the SCNS and appeals regarding course credit transfer decisions should be directed to the Curriculum Support Coordinator in Building Y210 at 863-784-7488 or to the Florida Department of Education, Office of Articulation, 1401 Turlington Building, Tallahassee, Florida 32399-0400. Special reports and technical information may be requested by calling the SCNS office at 850-245-0427 or at scns.fldoe.org.
### Areas of Study to Course Prefixes

<table>
<thead>
<tr>
<th>Area of Study</th>
<th>Prefixes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accounting</td>
<td>ACG, APA</td>
</tr>
<tr>
<td>Agriculture</td>
<td>AEB, ACR, AQM, FRC, HOS, IPM, SWS</td>
</tr>
<tr>
<td>Air Conditioning</td>
<td>ACR</td>
</tr>
<tr>
<td>Algebra</td>
<td>MAC, MAT</td>
</tr>
<tr>
<td>Analytic Geometry</td>
<td>MAC</td>
</tr>
<tr>
<td>Anatomy and Physiology</td>
<td>BSC</td>
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<td>Mathematics</td>
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*All courses offered by SFSC are listed in alphabetical order according to their statewide three-letter prefix (e.g., ACC, AER, ETC, MAT). If you know the prefix, then go directly to the alpha listing in the Course Descriptions section. Remember that several courses may have the same prefix, and you will need to look for the course number and title.*

*If you are unsure of the prefix or have only the title of the course, you will want to use the cross-reference section below. Areas of Study to Course Prefixes is a listing of disciplines and, in some cases, course titles; following each discipline title are all of the prefixes associated with that area of study.*

*Remember that not all courses are offered in all terms or at all locations. For current offerings, consult the “Schedule of Classes” on our website southflorida.edu posted each term prior to the registration period.*
## Description of Course Codes

Each course description listed in this College Catalog is followed by one or more abbreviations below and they designate as follows:

- **(CLR)** Civic Literacy Requirement
- **(CORE)** Core General Education courses from the areas of communication, mathematics, social sciences, humanities, and natural sciences
- **(DV)** Course Satisfies SUS International and Diversity Requirements
- **(GE)** General Education course
- **(OA)** Occupational Applied course - Credit Certificate (PSV)
- **(CH)** Contact Hour (PSAV)
- **(PR)** Preparatory (Developmental) - Non-Credit
- **(TR)** Transfer - AA/AS/BAC (A&P)

The course hour and credit abbreviations in the Course Descriptions section are designated as follows:

- **(coll. prep. cr.)** College Preparatory Credit
- **(con. hr.)** Contact Hour (Clock Hour)
- **(cr. hr.)** Credit Hour
- **(occ. cr.)** Occupational Credit

### LAB FEES

Courses which require a lab fee as part of their cost include the words “Lab Fee.” To determine the actual lab fee for each course, review the latest “Schedule of Classes” at southflorida.edu/current-students/class-schedules.

### TERMS OFFERED

Courses listed in this College Catalog are offered on a planned basis. Many courses are offered during morning, afternoon, and/ or evening hours as well as online. Throughout the following pages, you will find statements as to which terms courses may be offered. The purpose of these statements is to help in your schedule planning. However, it should be noted that various situations may impact whether or not a course will be held during a specific term, day, or time. To ensure that a specific course is offered during a specific term, day, or time, check the Schedule of Classes at our website southflorida.edu.
Course Descriptions

ACG 1949 CO-OP EDUCATION TRAINING ASSIGNMENT IN ACCOUNTING 1-3 cr. hrs.
A hands-on learning activity (paid or non-paid) directly related to your academic major/career objective. Prerequisite: ACG 2011 or ACG 2021. (TR)

ACG 2001 FINANCIAL ACCOUNTING I 3 cr. hrs.
This is an introduction to accounting principles and procedures. The course covers financial statements, components of the accounting cycle and generally accepted accounting principles as defined by the Financial Accounting Standards Board. (TR)

ACG 2011 FINANCIAL ACCOUNTING II 3 cr. hrs.
A continuation of Financial Accounting I. This course covers FASB concepts and pronouncements as they pertain to partnerships, corporations, security transactions, and Statement of Cash Flow. The preparation, interpretation, and analysis of financial statements are emphasized. Prerequisite: ACG 2001. (TR)

ACG 2021 FINANCIAL ACCOUNTING 3 cr. hrs.
This course is an accelerated alternative of ACG 2001 and ACG 2011. It is an introduction to financial accounting principles and procedures. The preparation, analysis and interpretation of financial statements are emphasized. (TR)

ACG 2071 MANAGERIAL ACCOUNTING 3 cr. hrs.
A study of managerial accounting concepts and principles, job order cost systems, process cost systems, cost behavior and cost-volume-profit analysis, budgeting, variance analysis, differential analysis, and capital investment analysis. Prerequisite: ACG 2001 or ACG 2021 with a grade of C or higher. (TR)

ACG 2170 FINANCIAL STATEMENT ANALYSIS 3 cr. hrs.
A study of how to analyze financial statements to determine the financial condition of a business enterprise. Loan and investment decision will be analyzed. Prerequisite: ACG 2001 or ACG 2021. (TR)

ACG 2450C ACCOUNTING FOR THE MICROCOMPUTER 3 cr. hrs.
This course offers an overview of accounting software applications in business organizations. You will progressively work through accounting cycles for service and merchandising businesses using the popular accounting software QuickBooks. Transactional and reporting areas will include banking, customers, sales, vendors, purchases, inventory, employees, payroll, and tax reports. Specific applications will include design and setup of an accounting system for a new business. You will record transactions, create various reports and financial statements. Further managerial application includes financial statement analysis, budgeting, and estimates. Prerequisite: ACG 2001 or ACG 2021. Lab Fee. (TR)

ACG 2930 SELECTED TOPICS IN ACCOUNTING 1-4 cr. hrs.
Selected topics centering on current interest in accounting. Topics may vary from term to term. (TR)

ACG 2949 CO-OP EDUCATION TRAINING ASSIGNMENT IN ACCOUNTING 1-3 cr. hrs.
A second hands-on learning activity (paid or non-paid) directly related to your academic major/career objective. Prerequisite: ACG 2011 or ACG 2021. (TR)

ACG 3024 ACCOUNTING FOR MANAGERS AND INVESTORS (NON-MAJORS) 3 cr. hrs.
This course addresses the use of accounting information by non-financial managers. Emphasis is placed on the interpretation of accounting information and the language of financial accounting to effectively participate in activities such as planning, investment, control, and managerial decision making. Prerequisite: Higher level math with a grade of C or higher. (TR)

ACR 0000 FUNDAMENTALS OF REFRIGERATION 60 con. hrs. 2 occ. crs.
This course is an introduction to the fundamentals of refrigeration, refrigerants, and the component parts used in most common equipment. Corequisite: ACR 0000L. Lab Fee. (CH)

ACR 0000L FUNDAMENTALS OF REFRIGERATION LAB 30-240 con. hrs. 1-8 occ. crs.
This lab provides you with the opportunity to apply the concepts in introduction to the fundamentals of refrigeration, refrigerants, and the component parts used in most common equipment. Corequisite: ACR 0000. (CH)

ACR 0060 INDOOR AIR QUALITY AND SYSTEM DESIGN 60 con. hrs. 2 occ. crs.
An introduction to psychometrics; load calculations and duct design, the operation, installation, trouble analysis, and repair of home and commercial refrigeration. Corequisite: ACR 0060L. Lab Fee. (CH)

ACR 0060L INDOOR AIR QUALITY AND SYSTEM DESIGN LAB 30-240 con. hrs. 1-8 occ. crs.
This lab provides you with the opportunity to apply the concepts in psychometrics; load calculations and duct design; and the operation, installation, trouble analysis, and repair of home and commercial refrigeration. Prerequisite: ACR 0060L. Corequisite: ACR 0060. (CH)
ACR 0080L AIR CONDITIONING, REFRIGERATION, AND HEATING MECHANICS LAB I
30-240 con. hrs.  1-8 occ. crs.
This lab provides you the opportunity to apply theories and skills learned to both simulated problem solving situations and actual jobs representative of the trade. Through these experiences you will develop competence and expertise in the skills of the trade.  (CH)

ACR 0102 BASIC ELECTRICITY SYSTEMS AND CONTROLS
60 con. hrs.  2 occ. crs.
This course covers the basic controls, electrical and power systems applicable to air conditioning and refrigeration. You will also learn the theory of operation of these systems. Corequisite: ACR 0102L. Lab Fee.  (CH)

ACR 0102L BASIC ELECTRICITY SYSTEMS AND CONTROLS LAB 30-240 con. hrs.  1-8 occ. crs.
This lab provides you with the opportunity to apply the skills in basic controls electrical and power systems applicable to air conditioning and refrigeration. Corequisite: ACR 0102.  (CH)

ACR 0600 HEATING SYSTEMS
60 con. hrs.  2 occ. crs.
This course introduces you to a variety of heating systems including gas, electric and oil systems. You will learn to diagnose and repair malfunctions in these typical heating systems. Corequisite: ACR 0600L. Lab Fee.  (CH)

ACR 0600L HEATING SYSTEMS LAB 30-240 con. hrs.  1-8 occ. crs.
This lab provides you with hands-on experience in diagnosis and repair of malfunctions in typical heating systems. Prerequisite: ACR 0000L. Corequisite: ACR 0600.  (CH)

ACR 0609 REFRIGERATION: TROUBLE ANALYSIS
60 con. hrs.  2 occ. crs.
This is the study of the operation, installation, trouble analysis, and repair of home and commercial air conditioning, heat pumps, and heating systems. Corequisite: ACR 0609L. Lab Fee.  (CH)

ACR 0609L REFRIGERATION: TROUBLE ANALYSIS LAB 30-240 con. hrs.  1-8 occ. crs.
This lab covers operation, installation, trouble analysis, and repair of home and commercial air conditioning, heat pumps, and heating systems. Prerequisite: ACR 0000L. Corequisite: ACR 0609.  (CH)

ACR 0930 SELECTED TOPICS IN AIR CONDITIONING
30-120 con. hrs.  1-4 occ. crs.
Selected topics centering on current interest in air conditioning. Topics may vary from term to term.  (CH)

ACR 0940 INTERNSHIP IN AIR CONDITIONING, REFRIGERATION, AND HEATING
60-420 con. hrs.  2-14 occ. crs.
This course provides you with the opportunity to acquire practical experience while working under the supervision of an air conditioning mechanic. Prerequisite: ACR 0102. Lab Fee.  (CH)

ACR 0941 AIR CONDITIONING I
80-160 con. hrs.  2.7-5.3 occ. crs.
This course is available on a limited basis to you, if you are not participating in an indentured apprenticeship. Major areas of study include identifying tools and equipment used in industry, safety procedures and soldering practices. Corequisite: ACR 0941 or Instructor's Approval. Corequisite: ACR 0961.  (CH)

ACR 0942 AIR CONDITIONING II
80-160 con. hrs.  2.7-5.3 occ. crs.
This course is available on a limited basis to you, if you are not participating in an indentured apprenticeship. Major areas of study include knowledge of refrigeration safety, basic refrigeration system, and troubleshooting techniques. Prerequisite: ACR 0942 or Instructor’s Approval. Corequisite: ACR 0963.  (CH)

ACR 0943 AIR CONDITIONING III
80-160 con. hrs.  2.7-5.3 occ. crs.
This course is available on a limited basis to you, if you are not participating in an indentured apprenticeship. Major areas of study include identifying temperature, safety procedures, tubing, and refrigerants. Prerequisite: ACR 0943 or Instructor's Approval. Corequisite: ACR 0964.  (CH)

ACR 0944 AIR CONDITIONING IV
80-160 con. hrs.  2.7-5.3 occ. crs.
This course is available on a limited basis to you, if you are not participating in an indentured apprenticeship. Major areas of study include knowledge of refrigerant, condensers and functions of the compressor. Prerequisite: ACR 0944 or Instructor’s Approval. Corequisite: ACR 0966.  (CH)

ACR 0945 AIR CONDITIONING V
80-160 con. hrs.  2.7-5.3 occ. crs.
This course is available on a limited basis to you, if you are not participating in an indentured apprenticeship. Major areas of study include electrical circuits, basic analog and digital meters, electrical loads, relays and contractors, and basic electricity in air conditioning. Prerequisite: ACR 0945 or Instructor’s Approval. Corequisite: ACR 0967.  (CH)

ACR 0946 AIR CONDITIONING VI
80-160 con. hrs.  2.7-5.3 occ. crs.
This course is available on a limited basis to you, if you are not participating in an indentured apprenticeship. Major areas of study include electrical circuits, basic analog and digital meters, electrical loads, relays and contractors, and basic electricity in air conditioning. Prerequisite: ACR 0946 or Instructor’s Approval. Corequisite: ACR 0968.  (CH)

ACR 0947 AIR CONDITIONING VII
80-160 con. hrs.  2.7-5.3 occ. crs.
This course is available on a limited basis to you, if you are not participating in an indentured apprenticeship. Major
areas of study include installation and troubleshooting of the electrical components plus temperature procedures and basic air measurements. Prerequisite: ACR 0946 or Instructor’s Approval. Corequisite: ACR 0970. (CH)

ACR 0948 AIR CONDITIONING VIII
80-160 con. hrs. 2.7-5.3 occ. crs.
This course is available on a limited basis to you, if you are not participating in an indentured apprenticeship. Major areas of study include describing refrigeration cycle for various systems including preventative and electrical maintenance performed annually on chiller systems. Prerequisite: ACR 0947 or Instructor’s Approval. Corequisite: ACR 0970. (CH)

ACR 0949 CO-OP WORK EXPERIENCE IN AIR CONDITIONING
30-480 con. hrs. 1-16 occ. crs.
This course provides you with the opportunity to acquire practical experience while working under the supervision of an air conditioning mechanic. Prerequisite: ACR 0102. (CH)

ACR 0960 AIR CONDITIONING INTERNSHIP I
30-700 con. hrs. 1-23.33 occ. crs.
Internship provides you with the opportunity to acquire practical experience while working under the supervision of a journeyman air conditioning mechanic. Job skills as defined by the work processes of the apprenticeship agreement are taught on the job. Corequisite: ACR 0941. (CH)

ACR 0961 AIR CONDITIONING INTERNSHIP II
30-700 con. hrs. 1-23.33 occ. crs.
Internship provides you with the opportunity to acquire practical experience while working under the supervision of a journeyman air conditioning mechanic. Job skills as defined by the work processes of the apprenticeship agreement are taught on the job. Prerequisite: ACR 0960. Corequisite: ACR 0942. (CH)

ACR 0962 AIR CONDITIONING INTERNSHIP III
30-700 con. hrs. 1-23.33 occ. crs.
Internship provides you with the opportunity to acquire practical experience while working under the supervision of a journeyman air conditioning mechanic. Job skills as defined by the work processes of the apprenticeship agreement are taught on the job. Prerequisite: ACR 0961. (CH)

ACR 0963 AIR CONDITIONING INTERNSHIP IV
30-700 con. hrs. 1-23.33 occ. crs.
Internship provides you with the opportunity to acquire practical experience while working under the supervision of a journeyman air conditioning mechanic. Job skills as defined by the work processes of the apprenticeship agreement are taught on the job. Prerequisite: ACR 0962. Corequisite: ACR 0943. (CH)

ACR 0964 AIR CONDITIONING INTERNSHIP V
30-700 con. hrs. 1-23.33 occ. crs.
Internship provides you with the opportunity to acquire practical experience while working under the supervision of a journeyman air conditioning mechanic. Job skills as defined by the work processes of the apprenticeship agreement are taught on the job. Prerequisite: ACR 0963. Corequisite: ACR 0944. (CH)

ACR 0965 AIR CONDITIONING INTERNSHIP VI
30-700 con. hrs. 1-23.33 occ. crs.
Internship provides you with the opportunity to acquire practical experience while working under the supervision of a journeyman air conditioning mechanic. Job skills as defined by the work processes of the apprenticeship agreement are taught on the job. Prerequisite: ACR 0964. (CH)

ACR 0966 AIR CONDITIONING INTERNSHIP VII
30-700 con. hrs. 1-23.33 occ. crs.
Internship provides you with the opportunity to acquire practical experience while working under the supervision of a journeyman air conditioning mechanic. Job skills as defined by the work processes of the apprenticeship agreement are taught on the job. Prerequisite: ACR 0965. Corequisite: ACR 0945. (CH)

ACR 0967 AIR CONDITIONING INTERNSHIP VIII
30-700 con. hrs. 1-23.33 occ. crs.
Internship provides you with the opportunity to acquire practical experience while working under the supervision of a journeyman air conditioning mechanic. Job skills as defined by the work processes of the apprenticeship agreement are taught on the job. Prerequisite: ACR 0966. Corequisite: ACR 0946. (CH)

ACR 0968 AIR CONDITIONING INTERNSHIP IX
30-700 con. hrs. 1-23.33 occ. crs.
Internship provides you with the opportunity to acquire practical experience while working under the supervision of a journeyman air conditioning mechanic. Job skills as defined by the work processes of the apprenticeship agreement are taught on the job. Prerequisite: ACR 0967. (CH)

ACR 0969 AIR CONDITIONING INTERNSHIP X
30-700 con. hrs. 1-23.33 occ. crs.
Internship provides you with the opportunity to acquire practical experience while working under the supervision of a journeyman air conditioning mechanic. Job skills as defined by the work processes of the apprenticeship agreement are taught on the job. Prerequisite: ACR 0968. Corequisite: ACR 0947. (CH)

ACR 0970 AIR CONDITIONING INTERNSHIP XI
30-700 con. hrs. 1-23.33 occ. crs.
Internship provides you with the opportunity to acquire practical experience while working under the supervision of a journeyman air conditioning mechanic. Job skills as defined by the work processes of the apprenticeship agreement are taught on the job. Prerequisite: ACR 0969. Corequisite: ACR 0948. (CH)
ACR 0971 AIR CONDITIONING INTERNSHIP XII
30-700 con. hrs. 1-23.33 occ. crs.
Internship provides you with the opportunity to acquire practical experience while working under the supervision of a journeyman air conditioning mechanic. Job skills as defined by the work processes of the apprenticeship agreement are taught on the job. Prerequisite: ACR 0970. (CH)

AEB 2102 PRINCIPLES OF AGRI-BUSINESS MANAGEMENT
3 cr. hrs.
This course provides an introduction to the principles of economics as applied to agribusiness management. It also provides training in developing job skills, career planning, budgeting, recordkeeping and determining insurance needs. (TR)

AER 0190 ENGINE REPAIR 60 con. hrs. 2 occ. crs.
Course prepares you to repair and rebuild engines commonly found in the automobile today. You will perform general diagnosis to determine need for repairs and perform both upper and lower engine breakdown, evaluation, and repairs. The lubrication and cooling systems are studied in depth. Corequisite: AER 0190L. Lab Fee. (CH)

AER 0190L ENGINE REPAIR LAB
30-480 con. hrs. 1-16 occ. crs.
This lab provides you with hands-on experience in repairing and rebuilding engines commonly found in the automobile today. You will perform general diagnosis to determine need for repairs and perform both upper and lower engine breakdown, evaluation, and repairs. The lubrication and cooling systems are studied in depth. Prerequisite: AER 0190L. Corequisite: AER 0190. (CH)

AER 0320 MANUAL AND AUTOMATIC TRANSMISSIONS 60 con. hrs. 2 occ. crs.
This course prepares you to diagnose and repair manual drive train components including clutch, transmission, transaxle, drive shaft, universal joint, ring and pinion, differential case, axle, and four-wheel drive. Also you prepare to service and repair automatic transmissions and automatic transaxles; diagnose general problems; perform maintenance and adjustments; in-car repairs; remove, disassemble, and assemble; inspect, measure, service, and/or replace oil pump and converter components; and service or replace gear train components. Prerequisite: AER 0560L. Corequisite: AER 0320. (CH)

AER 0320L MANUAL AND AUTOMATIC TRANSMISSIONS LAB 30-480 con. hrs. 1-16 occ. crs.
This lab provides you with the opportunity to apply the skills in manual drive train components including clutch, transmission, transaxle, drive shaft, universal joint, ring and pinion, differential case, axle, and four-wheel drive. Also you prepare to service and repair automatic transmissions and automatic transaxles; diagnose general problems; perform maintenance and adjustments; in-car repairs; remove, disassemble, and assemble; inspect, measure, service, and/or replace oil pump and converter components; and service or replace gear train components. Prerequisite: AER 0560L. Corequisite: AER 0320L. Lab Fee. (CH)

AER 0401 STEERING AND SUSPENSION 60 con. hrs. 2 occ. crs.
This course prepares you to inspect, evaluate, diagnose, and repair automotive steering and suspension systems. You will also learn wheel alignment, diagnosis, adjustment, and repair. Corequisite: AER 0401L. Lab Fee. (CH)

AER 0401L STEERING AND SUSPENSION LAB 30-480 con. hrs. 1-16 occ. crs.
This lab provides you with the opportunity to apply the concepts of automotive steering and suspension systems. You will also learn wheel alignment, diagnosis, adjustment, and repair. Prerequisite: AER 0560L. Corequisite: AER 0401. (CH)

AER 0560 INTRODUCTION TO AUTOMOTIVE TECHNOLOGY AND BRAKING SYSTEMS 60 con. hrs. 2 occ. crs.
This course prepares you to perform basic automotive tasks such as lubrication, tire changes, exhaust, and radiator service. Emphasis is placed on tool and equipment identification, automotive-related measuring, basic electricity, and employability. Also you prepare to inspect, evaluate, diagnose, and service automotive braking systems including drum and disc systems as well as anti-lock braking systems. Corequisite: AER 0560L. Lab Fee. (CH)

AER 0560L INTRODUCTION TO AUTOMOTIVE TECHNOLOGY AND BRAKING SYSTEMS LAB 30-480 con. hrs. 1-16 occ. crs.
This course prepares you to perform basic automotive tasks such as lubrication, tire changes, exhaust, and radiator service. Emphasis is placed on tool and equipment identification, automotive-related measuring, basic electricity, and employability. Also you prepare to inspect, evaluate, diagnose, and service automotive braking systems including drum and disc systems as well as anti-lock braking systems. Corequisite: AER 0560. (CH)

AER 0691 ELECTRICAL/ELECTRONIC SYSTEMS 60 con. hrs. 2 occ. crs.
This course prepares you to perform general electrical diagnosis and to service battery, starter systems, charging system, lighting system, gauges, driver information system, horn, wipers, and body accessories. Corequisite: AER 0691L. Lab Fee. (CH)

AER 0691L ELECTRICAL/ELECTRONIC SYSTEMS LAB 30-480 con. hrs. 1-16 occ. crs.
This course prepares you to perform general electrical diagnosis and service of battery, starter systems, charging system, lighting system, gauges, driver information system, horn, wipers, and body accessories. Prerequisite: AER 0560L. Corequisite: AER 0691. (CH)
AER 0697 ENGINE PERFORMANCE
60 con. hrs. 2 occ. crs.
This course prepares you to diagnose general engine performance with respect to ignition, carburetion, fuel consumption, and exhaust color, odor, and sound. Corequisite: AER 0697L. Lab Fee. (CH)

AER 0940 VOCATIONAL INTERNSHIP IN AUTOMOTIVE
60-420 con. hrs. 2-14 occ. crs.
This course provides you with the opportunity to acquire practical experience while working in an automotive field. Lab Fee. (CH)

AGR 2915 INTERNSHIP IN AGRICULTURE
1-4 cr. hrs.
This course provides you with the opportunity to acquire practical experience while working in an agricultural field. (TR)

AGR 2931 AGRICULTURAL SEMINAR I
1 cr. hr.
This independent study course will increase your awareness of career opportunities in agriculture and expose you to various agricultural occupations. The course will introduce you to some of the industries allied to agriculture and to agencies and organizations that support agriculture. (TR)

AGR 2932 AGRICULTURAL SEMINAR II
1-4 cr. hrs.
The course will introduce you to some of the industries allied to agriculture and to agencies and organizations that support agriculture. (TR)

AGR 2949 CO-OP EDUCATION TRAINING ASSIGNMENT IN AGRICULTURE
1-4 cr. hrs.
A second hands-on learning activity (paid or non-paid) directly related to your academic major/career objective. (TR)

AGR 2949 CO-OP EDUCATION TRAINING ASSIGNMENT IN AGRICULTURE
1-3 cr. hrs.
A first hands-on learning activity (paid or non-paid) directly related to your academic major/career objective. (TR)

AGR 2949 CO-OP EDUCATION TRAINING ASSIGNMENT IN AGRICULTURE
1-4 cr. hrs.
A second hands-on learning activity (paid or non-paid) directly related to your academic major/career objective. (TR)

AGR 2949 CO-OP EDUCATION TRAINING ASSIGNMENT IN AGRICULTURE
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A first hands-on learning activity (paid or non-paid) directly related to your academic major/career objective. (TR)

AGR 2949 CO-OP EDUCATION TRAINING ASSIGNMENT IN AGRICULTURE
1-4 cr. hrs.
A second hands-on learning activity (paid or non-paid) directly related to your academic major/career objective. (TR)

AGR 2949 CO-OP EDUCATION TRAINING ASSIGNMENT IN AGRICULTURE
1-3 cr. hrs.
A first hands-on learning activity (paid or non-paid) directly related to your academic major/career objective. (TR)
and evolution of the Atlantic Slave Trade, and the African American experience in the Western Hemisphere to the present. Emphasis will be placed on the economic, social and cultural development aspects of African American history. (G.E.) (TR) (DV)

**AML 2010** AMERICAN LITERATURE I (1620 to 1865)  
This course surveys American literature produced before 1865. You are required to demonstrate college-level English skills through multiple assignments and earn a grade of C or higher in this course. Prerequisite: Successful completion of ENC 1101 with a grade of C or higher; ENC 1102 recommended. (G.E.) (TR)

**AML 2010** HONORS AMERICAN LITERATURE I (1620 to 1865)  
Talk about, write about, and interact with American literature from this period through extensive discussion, open debates, oral reports, computer-assisted research, field work, and community service. You are required to demonstrate college-level English skills through multiple assignments and earn a grade of C or higher in this course. Prerequisite: Successful completion of ENC 1101 with a grade of C or higher; ENC 1102 strongly recommended. Offered fall term. (G.E.) (TR)

**AML 2020** AMERICAN LITERATURE II (1865 to Present)  
This course is a survey of American writers and their works since 1865. Emphasis is on major trends in Realism, Naturalism, and Modernism in the 19th and 20th centuries as they apply to the changing ideas in American culture. You are required to demonstrate college-level English skills through multiple assignments and earn a grade of C or higher in this course. Prerequisite: Successful completion of ENC 1101 with a grade of C or higher. Offered spring term. (G.E.) (TR)

**AML 2020** HONORS AMERICAN LITERATURE II (1865 to Present)  
Talk about, write about, and interact with American literature from this period through extensive discussion, open debates, oral reports, computer-assisted research, field work, and community service. You are required to demonstrate college-level English skills through multiple assignments and earn a grade of C or higher in this course. Prerequisite: Successful completion of ENC 1101 with a grade of C or higher; ENC 1102 strongly recommended. Offered spring term. (G.E.) (TR)

**ANT 2410** GENERAL ANTHROPOLOGY  
This course is an introduction to the study of human variation in its biological, social and cultural dimensions. Emphasis is placed on the historical and contemporary perspectives on culture. Topics generally covered include the origins and development of human life ways and differences among societies in technology, language, social organization, religion, and values. (TR) (DV)

**ARR 0001** FUNDAMENTALS OF AUTO BODY REPAIR  
60 con. hrs. 2 occ. crs.  
This is a basic course in the history of automobile construction including an overview of general shop procedures, introduction to cultural context. You are required to demonstrate college-level English skills through critiquing artwork and work both individually and in group settings. You must earn a grade of C or higher in this course. Prerequisite: ENC 1101 with a grade of C or higher. Lab Fee. (CORE) (G.E.) (TR)

**ARH 2000** ART APPRECIATION  
Art Appreciation is a course for the non-art major and it introduces the foundations of art, including the purposes and functions of art, media, the Elements and Principles of Art, and art history. You are required to demonstrate college-level English skills through critiquing artwork and work both individually and in group settings. You must earn a grade of C or higher in this course. Prerequisite: ENC 1101 with a grade of C or higher. Lab Fee. (CORE) (G.E.) (TR)

**ARH 2050** ART HISTORY I  
This course covers painting, sculpture, and architecture from the Prehistoric Era to the beginning of the Renaissance including relations of styles to cultural context. You are required to demonstrate college-level English skills through multiple assignments and earn a grade of C or higher in this course. Prerequisite: ENC 1101 with a grade of C or higher. Offered fall term. (G.E.) (TR)

**ARH 2051** ART HISTORY II  
This course covers painting, sculpture, and architecture from the Renaissance to the present including relations of styles to cultural context. You are required to demonstrate college-level English skills through multiple assignments and earn a grade of C or higher in this course. Prerequisite: ENC 1101 with a grade of C or higher. Offered spring term. (G.E.) (TR)
to industry standards, and employment qualifications and outlook. Corequisite: ARR 0001L. Lab Fee. (CH)

ARR 0001L FUNDAMENTALS OF AUTO BODY REPAIR LAB 30-480 con. hrs. 1-16 occ. crs.
This lab provides you with the basic instruction of industry standards, shop operation procedures, and employment qualifications. Corequisite: ARR 0001L. Lab Fee. (CH)

ARR 0100 PAINTING TECHNIQUES 60 con. hrs. 2 occ. crs.
This is a basic course in the use and care of the spray gun. The course deals with the types of spray guns, various applications of spray gun techniques, spray gun adjustments, spray gun maintenance, and mixing and application procedures. Corequisite: ARR 0100L. Lab Fee. (CH)

ARR 0100L PAINTING TECHNIQUES LAB 30-480 con. hrs. 1-16 occ. crs.
This lab provides you with hands-on experience of the use and care of the spray gun, various applications of spray gun techniques, spray gun adjustments, spray gun maintenance, and mixing and application procedures. Corequisite: ARR 0100L. Lab Fee. (CH)

ARR 0110 BASIC SHEET METAL REPAIRS 60 con. hrs. 2 occ. crs.
This is a basic course covering hand tools, oxyacetylene welding, electric and plastic welding, and basic sheet metal repairs. Corequisite: ARR 0110L. Lab Fee. (CH)

ARR 0110L BASIC SHEET METAL REPAIRS LAB 30-480 con. hrs. 1-16 occ. crs.
This lab provides you with hands-on experience in hand tools, oxyacetylene welding, electric and plastic welding, and basic sheet metal repairs. Corequisite: ARR 0110L. Lab Fee. (CH)

ARR 0120 ADVANCED PAINTING TECHNIQUES 60 con. hrs. 2 occ. crs.
This course deals with more advanced painting techniques, such as color match, factory defects, spot, and panel painting, custom painting, and paint related problems. Also included are plastic repairs and paint techniques specific to plastics, and techniques on interior and exterior cleaning. Corequisite: ARR 0120L. Lab Fee. (CH)

ARR 0120L ADVANCED PAINTING TECHNIQUES LAB 30-480 con. hrs. 1-16 occ. crs.
This lab provides you with the opportunity to apply the advanced painting techniques, such as color match, factory defects, spot, panel painting, custom painting, and paint related problems. Also includes plastic repairs and paint techniques specific to plastics, and techniques on interior and exterior cleaning. Corequisite: ARR 0120L. Corequisite: ARR 0120L. Lab Fee. (CH)

ARR 0292 APPLIED TECHNIQUES IN AUTO BODY REPAIR 60 con. hrs. 2 occ. crs.
A study of panel forming techniques, frame straightening techniques, measuring, suspension, and steering principles, job estimating, and customer relations. Corequisite: ARR 0292L. Lab Fee. (CH)

ARR 0292L APPLIED TECHNIQUES IN AUTO BODY REPAIR LAB 30-480 con. hrs. 1-16 occ. crs.
This lab provides you with hands-on experience of the use and care of the spray gun, various applications of spray gun techniques, spray gun adjustments, spray gun maintenance, and mixing and application procedures. Prerequisite: ARR 0001L. Corequisite: ARR 0292L. Lab Fee. (CH)

ARR 0310 PANEL REPAIR AND REPLACEMENT 60 con. hrs. 2 occ. crs.
This is a course in sheet metal expansion, contraction and heat distortion, body fitting methods, plastic fillers, refinishing materials, surface preparations, and spray gun techniques. Corequisite: ARR 0310L. Lab Fee. (CH)

ARR 0310L PANEL REPAIR AND REPLACEMENT LAB 30-480 con. hrs. 1-16 occ. crs.
This lab provides you with the opportunity to apply the concepts learned in sheet metal expansion, contraction and heat distortion, body fitting methods, plastic fillers, refinishing materials, surface preparations, and spray gun techniques. Prerequisite: ARR 0001L. Corequisite: ARR 0310L. Lab Fee. (CH)

ARR 0330 SCIENCE OF UNIBODY REPAIR 60 con. hrs. 2 occ. crs.
This course deals entirely with unibody automobiles built since 1980. Course includes history of automobiles, damage repair, new science of unibody repair, suspension designs, damage diagnosis, parts replacement, and structural repair completion. Corequisite: ARR 0330L. Lab Fee. (CH)

ARR 0330L SCIENCE OF UNIBODY REPAIR LAB 30-480 con. hrs. 1-16 occ. crs.
This lab provides you with the opportunity to apply the concepts learned concerning unibody automobiles built since 1980 including damage repair, new science of unibody repair, suspension designs, damage diagnosis, parts replacement, and structural repair completion. Prerequisite: ARR 0001L. Corequisite: ARR 0330L. Lab Fee. (CH)

ARR 0949 CO-OP WORK EXPERIENCE IN AUTO COLLISION 30-270 con. hrs. 1-9 occ. crs.
Cooperative in education training directly related to your academic major/career objectives. (CH)

ART 1201C 2D DESIGN 3 cr. hrs.
This course is a study of the fundamental design of the elements and principles of art; emphasizing the use of multiple subject matter, mixed media, and technical skills in handling art tools for two-dimensional visual expression. Lab Fee. (TR)

ART 1202C 3D DESIGN 3 cr. hrs.
This foundation course in three-dimensional design is primarily concerned with understanding form and space,
along with exploring personal creative processes. A variety of materials will be used (clay, wire, paper, and found objects). Visual and structural relationships will be taught through additive and subtractive exercises and explored through art making, art events, critiques, and artist statements. Lab Fee. (TR)

**ART 1300C DRAWING I** 3 cr. hrs.
This course is an introduction to the basic discipline of drawing. You will practice the use of various drawing media and techniques (mark-making, contour, gesture, perspective sighting), through the observational study of still life, landscape, and the figure. You will explore the concepts of drawing through art making, art events, critiques, and artist statements. Lab Fee. (TR)

**ART 1301C DRAWING II** 3 cr. hrs.
Drawing II will review basic drawing principles and techniques and execute an individual plan for the creation of an advanced artwork within a series. You will continue to explore the concepts of drawing through art making, art events, critiques, and artist statements. Prerequisite: ART 1300C. Lab Fee. (TR)

**ART 1500C PAINTING I** 3 cr. hrs.
This course is an introduction to acrylic painting and executes an individual plan for the creation of advanced artwork within a series. You will continue to explore the concepts of painting through art making, art events, critiques, and artist statements. Lab Fee. (TR)

**ART 1501C PAINTING II** 3 cr. hrs.
Painting II will review basic painting principles and techniques of acrylic painting and execute an individual plan for the creation of advanced artwork within a series. You will continue to explore the concepts of painting through art making, art events, critiques, and artist statements. Prerequisite: ART 1500C. Lab Fee. (TR)

**ART 1949 CO-OP EDUCATION TRAINING ASSIGNMENT IN ART** 1-3 cr. hrs.
A first hands-on learning activity (paid or non-paid) directly related to your academic major/career objective. (TR)

**ART 2012C MEDIA EXPLORATION** 1-4 cr. hrs.
Studio practice with materials, tools, techniques, and concepts traditionally associated with 2D and 3D art. This course may be repeated three times up to a maximum of 16 hours. Lab Fee. (TR)

**ART 2330C FIGURE DRAWING** 3 cr. hrs.
Study of the structure, movement, and rhythm of the human figure. This course may be repeated three times up to a maximum of 16 hours. Lab Fee. (TR)

**ART 2501C PAINTING II** 3 cr. hrs.
Painting II will review basic painting principles and techniques of acrylic painting and execute an individual plan for the creation of advanced artwork within a series. You will continue to explore the concepts of painting through art making, art events, critiques, and artist statements. Prerequisite: ART 1500C. Lab Fee. (TR)

**ART 2540C WATERCOLOR PAINTING I** 3 cr. hrs.
This course is an introduction to watercolor painting through many subject matter. Emphasis is on traditional watercolor techniques as well as modern use of water media, color mixing, and choosing subject matter and compositions for paintings. Prerequisite: ART 1300C. Lab Fee. (TR)

**ART 2750C POTTERY I** 3 cr. hrs.
This course emphasizes the design of functional and non-functional clay forms through hand building, wheel turning, application of glazes, and firing. You will explore the concepts of pottery through art making, art events, critiques, and artist statements. Lab Fee. (TR)

**ART 2751C POTTERY II** 3 cr. hrs.
Pottery II will create and execute an individual plan for the creation of advanced artwork within a series focusing on a single hand-building technique. You will explore the concepts of pottery through art making, art events, critiques, and artist statements. Prerequisite: ART 2750C. Lab Fee. (TR)

**ART 2930 SELECTED TOPICS IN ART** 1-4 cr. hrs.
Selected topics centering on current interest in art. Topics may vary from term to term. (TR)

**ART 2932 SPECIAL TOPICS IN DRAWING FOR HUMANITIES** 1-4 cr. hrs.
Selected topics centering on current interest in drawing for humanities. Topics may vary from term to term. (TR)

**ART 2939 HONORS SPECIAL TOPICS IN ART** 1-4 cr. hrs.
A special course to design art for large indoor and outdoor spaces, including outdoor sculpture, suspended mobiles, and murals. You will work independently and in groups. (TR)

**ART 2949 CO-OP EDUCATION TRAINING ASSIGNMENT IN ART** 1-3 cr. hrs.
A second hands-on learning activity (paid or non-paid) directly related to your academic major/career objective. (TR)

**ASL 2130 AMERICAN SIGN LANGUAGE III** 3 cr. hrs.
American Sign Language (ASL III) is an intermediate course designed for you, if you have previous coursework from ASL I and II with labs. ASL III continues development of conversational skills in ASL with strong emphasis on narratives. The development of non-written narratives will increase both comprehension and expressive skills specific to the deaf culture. This course will present you with the structure, conversational vocabulary and grammatical principles, regional and idiomatic usages of American Sign Language while also focusing on the historical, cultural, and social aspects of deafness. Prerequisites: ASL 2140C, ASL 2150C, and labs. (TR)

**ASL 2140C AMERICAN SIGN LANGUAGE I** 4 cr. hrs.
Introduction to American Sign Language (ASL I), as used in the deaf community. Course is a general discussion of ASL structure and introduction to various manual communication systems and philosophies and emphasis on building a basic sign vocabulary. (TR)
ASL 2150C AMERICAN SIGN LANGUAGE II  4 cr. hrs.
A continuation of the basic course which expands your
signing skills and introduces ASL idioms. Course provides a
greater opportunity for skill development in ASL structure and
idiomatic usage. Prerequisite: ASL 2140C.  (TR)

AST 1002 DESCRIPTIVE ASTRONOMY  3 cr. hrs.
An introduction to the astronomical universe for non-science
majors including historical development, astronomical
instruments, methods of discovery, motions of celestial objects,
evolution of stars, and a description of the members of the solar
system, galaxy, and universe. (CORE) (G.E.) (TR)

AST 1002L DESCRIPTIVE ASTRONOMY LAB  1 cr. hr.
This is an optional lab for AST 1002 Descriptive Astronomy
which provides an opportunity to perform indoor and outdoor
experiments, exercises, measurements, and observations of
topics related to the AST 1002 curriculum. Prerequisite: AST
1002 and MAC 1105 with a grade of C or higher. Corequisite:
AST 1002.  (CORE) (G.E.) (TR)

B

BCA 0350 ELECTRICAL WIRING I
80-160 con. hrs.  2.7-5.3 occ. crs.
This course is available on a limited basis if you are not
participating in an indentured apprenticeship. Major areas of
study include safety, DC current, mathematics for electricians,
construction safety, and residential wiring. Corequisite: BCA
0358.  (CH)

BCA 0351 ELECTRICAL WIRING II
80-160 con. hrs.  2.7-5.3 occ. crs.
This course is available on a limited basis if you are not
participating in an indentured apprenticeship. Major areas of
study include knowledge of circuits and installation of
outlets and switch boxes, and to identify tools and materials
needed for a job. Prerequisite: BCA 0350. Corequisite: BCA
0359.  (CH)

BCA 0352 ELECTRICAL WIRING III
80-160 con. hrs.  2.7-5.3 occ. crs.
This course is available on a limited basis if you are not
participating in an indentured apprenticeship. Major areas of
study include construction of circuits, measuring voltage and
interpreting symbols. Also, you will be working on installing
switches, receptacles and dimmers and the proper use of
power tools. Prerequisite: BCA 0351 or Instructor's Approval.
Corequisite: BCA 0362.  (CH)

BCA 0353 ELECTRICAL WIRING IV
80-160 con. hrs.  2.7-5.3 occ. crs.
This course is available on a limited basis if you are not
participating in an indentured apprenticeship. Major areas of
study include motor theory and operation. You will also work
on installing and troubleshooting circuits and transformers
and identifying tools and materials required on a job.
Prerequisite: BCA 0352 or Instructor's Approval. Corequisite:
BCA 0364.  (CH)

BCA 0354 ELECTRICAL WIRING V
80-160 con. hrs.  2.7-5.3 occ. crs.
This course is available on a limited basis if you are not
participating in an indentured apprenticeship. Major areas of
study include identifying wiring requirements and installing
circuits, light fixtures and receptacles. Prerequisite: BCA
0353 or Instructor’s Approval. Corequisite: BCA 0367.  (CH)

BCA 0355 ELECTRICAL WIRING VI
80-160 con. hrs.  2.7-5.3 occ. crs.
This course is available on a limited basis if you are not
participating in an indentured apprenticeship. Major areas of
study include complying with codes and calculation of
installing costs. You will also be installing main panels,
service entrance meter base and various electrical systems.
Prerequisite: BCA 0354 or Instructor’s Approval. Corequisite:
BCA 0368.  (CH)

BCA 0356 ELECTRICAL WIRING VII
80-160 con. hrs.  2.7-5.3 occ. crs.
This course is available on a limited basis if you are not
participating in an indentured apprenticeship. Major areas of
study include interpreting and identifying commercial wiring
plans, and their requirements and regulations. Prerequisite:
BCA 0355 or Instructor's Approval. Corequisite: BCA 0393.  (CH)

BCA 0357 ELECTRICAL WIRING VIII
80-160 con. hrs.  2.7-5.3 occ. crs.
This course is available on a limited basis if you are not
participating in an indentured apprenticeship. Major areas of
study include emergency lighting systems, commercial
service entrances, mobile home park service, and circuits
and currents. Prerequisite: BCA 0356 or Instructor’s Approval.
Corequisite: BCA 0394.  (CH)

BCA 0358 ELECTRICAL INTERNSHIP I
30-700 con. hrs.  1-23.3 occ. crs.
This internship provides the electrician apprentice the
opportunity to acquire practical experience while working
under the supervision of a journeyman electrician. Job skills
as defined by the work processes of the apprenticeship
agreement are taught on the job. Corequisite: BCA 0350.  (CH)

BCA 0359 ELECTRICAL INTERNSHIP II
30-700 con. hrs.  1-23.3 occ. crs.
This internship provides the electrician apprentice the
opportunity to acquire practical experience while working
under the supervision of a journeyman electrician. Job skills
as defined by the work processes of the apprenticeship
agreement are taught on the job. Prerequisite: BCA 0358.
Corequisite: BCA 0351.  (CH)
BCA 0361 ELECTRICAL INTERNSHIP III
30-700 con. hrs. 1-23.3 occ. crs.
This internship provides the electrician apprentice the opportunity to acquire practical experience while working under the supervision of a journeyman electrician. Job skills as defined by the work processes of the apprenticeship agreement are taught on the job. Prerequisite: BCA 0359. (CH)

BCA 0362 ELECTRICAL INTERNSHIP IV
30-700 con. hrs. 1-23.3 occ. crs.
This internship provides the electrician apprentice the opportunity to acquire practical experience while working under the supervision of a journeyman electrician. Job skills as defined by the work processes of the apprenticeship agreement are taught on the job. Prerequisite: BCA 0361. Corequisite: BCA 0352. (CH)

BCA 0364 ELECTRICAL INTERNSHIP V
30-700 con. hrs. 1-23.3 occ. crs.
This internship provides the electrician apprentice the opportunity to acquire practical experience while working under the supervision of a journeyman electrician. Job skills as defined by the work processes of the apprenticeship agreement are taught on the job. Prerequisite: BCA 0362. Corequisite: BCA 0353. (CH)

BCA 0365 ELECTRICAL INTERNSHIP VI
30-700 con. hrs. 1-23.3 occ. crs.
This internship provides the electrician apprentice the opportunity to acquire practical experience while working under the supervision of a journeyman electrician. Job skills as defined by the work processes of the apprenticeship agreement are taught on the job. Prerequisite: BCA 0364. (CH)

BCA 0367 ELECTRICAL INTERNSHIP VII
30-700 con. hrs. 1-23.3 occ. crs.
This internship provides the electrician apprentice the opportunity to acquire practical experience while working under the supervision of a journeyman electrician. Job skills as defined by the work processes of the apprenticeship agreement are taught on the job. Prerequisite: BCA 0365. Corequisite: BCA 0354. (CH)

BCA 0368 ELECTRICAL INTERNSHIP VIII
30-700 con. hrs. 1-23.3 occ. crs.
This internship provides the electrician apprentice the opportunity to acquire practical experience while working under the supervision of a journeyman electrician. Job skills as defined by the work processes of the apprenticeship agreement are taught on the job. Prerequisite: BCA 0367. Corequisite: BCA 0355. (CH)

BCA 0392 ELECTRICAL INTERNSHIP IX
30-700 con. hrs. 1-23.3 occ. crs.
This internship provides the electrician apprentice the opportunity to acquire practical experience while working under the supervision of a journeyman electrician. Job skills as defined by the work processes of the apprenticeship agreement are taught on the job. Prerequisite: BCA 0368. (CH)

BCA 0393 ELECTRICAL INTERNSHIP X
30-700 con. hrs. 1-23.3 occ. crs.
This internship provides the electrician apprentice the opportunity to acquire practical experience while working under the supervision of a journeyman electrician. Job skills as defined by the work processes of the apprenticeship agreement are taught on the job. Prerequisite: BCA 0392. Corequisite: BCA 0356. (CH)

BCA 0394 ELECTRICAL INTERNSHIP XI
30-700 con. hrs. 1-23.3 occ. crs.
This internship provides the electrician apprentice the opportunity to acquire practical experience while working under the supervision of a journeyman electrician. Job skills as defined by the work processes of the apprenticeship agreement are taught on the job. Prerequisite: BCA 0393. Corequisite: BCA 0357. (CH)

BCA 0395 ELECTRICAL INTERNSHIP XII
30-700 con. hrs. 1-23.3 occ. crs.
This internship provides the electrician apprentice the opportunity to acquire practical experience while working under the supervision of a journeyman electrician. Job skills as defined by the work processes of the apprenticeship agreement are taught on the job. Prerequisite: BCA 0394. (CH)

BCA 0401 PLUMBING INTERNSHIP I
30-700 con. hrs. 1-23.3 occ. crs.
This internship provides the plumbing apprentice the opportunity to acquire practical experience while working under the supervision of a journeyman plumber. Job skills as defined by the work processes of the apprenticeship agreement are taught on the job. Corequisite: BCA 0450. (CH)

BCA 0402 PLUMBING INTERNSHIP II
30-700 con. hrs. 1-23.3 occ. crs.
This internship provides the plumbing apprentice the opportunity to acquire practical experience while working under the supervision of a journeyman plumber. Job skills as defined by the work processes of the apprenticeship agreement are taught on the job. Prerequisite: BCA 0401. Corequisite: BCA 0451. (CH)

BCA 0403 PLUMBING INTERNSHIP III
30-700 con. hrs. 1-23.3 occ. crs.
This internship provides the plumbing apprentice the opportunity to acquire practical experience while working under the supervision of a journeyman plumber. Job skills as defined by the work processes of the apprenticeship agreement are taught on the job. Prerequisite: BCA 0402. (CH)

BCA 0404 PLUMBING INTERNSHIP IV
30-700 con. hrs. 1-23.3 occ. crs.
This internship provides the plumbing apprentice the opportunity to acquire practical experience while working
under the supervision of a journeyman plumber. Job skills as defined by the work processes of the apprenticeship agreement are taught on the job. Prerequisite: BCA 0403. Corequisite: BCA 0452. (CH)

BCA 0405 PLUMBING INTERNSHIP V
30-700 con. hrs. 1-23.3 occ. crs.
This internship provides the plumbing apprentice the opportunity to acquire practical experience while working under the supervision of a journeyman plumber. Job skills as defined by the work processes of the apprenticeship agreement are taught on the job. Prerequisite: BCA 0404. Corequisite: BCA 0453. (CH)

BCA 0406 PLUMBING INTERNSHIP VI
30-700 con. hrs. 1-23.3 occ. crs.
This internship provides the plumbing apprentice the opportunity to acquire practical experience while working under the supervision of a journeyman plumber. Job skills as defined by the work processes of the apprenticeship agreement are taught on the job. Prerequisite: BCA 0405. Corequisite: BCA 0454. (CH)

BCA 0407 PLUMBING INTERNSHIP VII
30-700 con. hrs. 1-23.3 occ. crs.
This internship provides the plumbing apprentice the opportunity to acquire practical experience while working under the supervision of a journeyman plumber. Job skills as defined by the work processes of the apprenticeship agreement are taught on the job. Prerequisite: BCA 0406. Corequisite: BCA 0455. (CH)

BCA 0408 PLUMBING INTERNSHIP VIII
30-700 con. hrs. 1-23.3 occ. crs.
This internship provides the plumbing apprentice the opportunity to acquire practical experience while working under the supervision of a journeyman plumber. Job skills as defined by the work processes of the apprenticeship agreement are taught on the job. Prerequisite: BCA 0407. Corequisite: BCA 0456. (CH)

BCA 0409 PLUMBING INTERNSHIP IX
30-700 con. hrs. 1-23.3 occ. crs.
This internship provides the plumbing apprentice the opportunity to acquire practical experience while working under the supervision of a journeyman plumber. Job skills as defined by the work processes of the apprenticeship agreement are taught on the job. Prerequisite: BCA 0408. Corequisite: BCA 0457. (CH)

BCA 0427 PLUMBING INTERNSHIP XI
30-700 con. hrs. 1-23.3 occ. crs.
This internship provides the plumbing apprentice the opportunity to acquire practical experience while working under the supervision of a journeyman plumber. Job skills as defined by the work processes of the apprenticeship agreement are taught on the job. Prerequisite: BCA 0426. Corequisite: BCA 0457. (CH)

BCA 0428 PLUMBING INTERNSHIP XII
30-700 con. hrs. 1-23.3 occ. crs.
This internship provides the plumbing apprentice the opportunity to acquire practical experience while working under the supervision of a journeyman plumber. Job skills as defined by the work processes of the apprenticeship agreement are taught on the job. Prerequisite: BCA 0427. Corequisite: BCA 0458. (CH)

BCA 0450 PLUMBING I
80-160 con. hrs. 2.7-5.3 occ. crs.
The course is available on a limited basis if you are not participating in an indentured apprenticeship. Major areas of study include basic plumbing tools and practices, plumbing mathematics, related sciences, installation practices, first aid, occupational safety and health, and blueprint reading. Corequisite: BCA 0401. (CH)

BCA 0451 PLUMBING II
80-160 con. hrs. 2.7-5.3 occ. crs.
The course is available on a limited basis if you are not participating in an indentured apprenticeship. Major areas of study include installation practices, plumbing mathematics, blueprint reading, welding, related sciences, rigging, and hoisting. Prerequisite: BCA 0450 or Instructor’s Approval. Corequisite: BCA 0402. (CH)

BCA 0452 PLUMBING III
80-160 con. hrs. 2.7-5.3 occ. crs.
The course is available on a limited basis if you are not participating in an indentured apprenticeship. Major areas of study include installation practices, blueprint reading, heating systems, and plumbing code. Prerequisite: BCA 0451 or Instructor’s Approval. Corequisite: BCA 0404. (CH)

BCA 0453 PLUMBING IV
80-160 con. hrs. 2.7-5.3 occ. crs.
The course is available on a limited basis if you are who are not participating in an indentured apprenticeship. Major areas of study include installation practices, plumbing mathematics, gas code, related sciences, blueprint reading with emphasis given to layout and design of plumbing systems. Prerequisite: BCA 0452 or Instructor’s Approval. Corequisite: BCA 0405. (CH)

BCA 0454 PLUMBING V
80-160 con. hrs. 2.7-5.3 occ. crs.
The course is available on a limited basis if you are not participating in an indentured apprenticeship. Major areas of study include basic plumbing tools and practices, plumbing mathematics,
related sciences, installation practices, first aid, occupational safety and health, and blueprint reading. Prerequisite: BCA 0453 or Instructor’s Approval. Corequisite: BCA 0407. (CH)

**BCA 0455 PLUMBING VI**

80-160 con. hrs. 2.7-5.3 occ. crs.
The course is available on a limited basis if you are not participating in an indentured apprenticeship. Major areas of study include basic plumbing tools and practices, plumbing mathematics, related sciences, installation practices, first aid, occupational safety and health, and blueprint reading. Prerequisite: BCA 0454 or Instructor’s Approval. Corequisite: BCA 0408. (CH)

**BCA 0456 PLUMBING VII**

80-160 con. hrs. 2.7-5.3 occ. crs.
The course is available on a limited basis if you are not participating in an indentured apprenticeship. Major areas of study include basic plumbing tools and practices, plumbing mathematics, related sciences, installation practices, first aid, occupational safety and health, and blueprint reading. Prerequisite: BCA 0455 or Instructor’s Approval. Corequisite: BCA 0426. (CH)

**BCA 0457 PLUMBING VIII**

80-160 con. hrs. 2.7-5.3 occ. crs.
The course is available on a limited basis if you are not participating in an indentured apprenticeship. Major areas of study include basic plumbing tools and practices, plumbing mathematics, related sciences, installation practices, first aid, occupational safety and health, and blueprint reading. Prerequisite: BCA 0456 or Instructor’s Approval. Corequisite: BCA 0427. (CH)

**BOT 1010C BOTANY** 4 cr. hrs.
An introduction to the field of general botany with emphasis on study of: the cell, the root, stem, leaf, and flower in their structural and functional relations and plant classifications. Corequisite: BOT 1010L. (G.E.) (TR)

**BOT 2000C INTRODUCTION TO BOTANY - Deleted**

**BOT 2480 ALGAE PRODUCTION FOR BIODIESEL - Deleted**

**BSC 1005 INTRODUCING BIOLOGY** 3 cr. hrs.
An introductory non-laboratory course in biological science dealing with the fundamentals of both plants and animals with particular emphasis on humans. (CORE) (G.E.) (TR)

**BSC 1009C INTRODUCTION TO BIOLOGY** 4 cr. hrs.

**BSC 1010C GENERAL BIOLOGY I** 4 cr. hrs.
A study of the basic principles in biochemistry, cell structure, cellular metabolism, genetics, molecular biology, and evolution. Recommended for science majors. Corequisite: BSC 1010L. Lab Fee. (CORE) (G.E.) (TR)

**BSC 1010C HONORS GENERAL BIOLOGY I** 4 cr. hrs.
A study of the basic principles of biochemistry, cell structure, cellular metabolism, genetics, molecular biology and evolution. Recommended for science majors. Course content parallels General Biology I with additional requirements for student-led active research. Corequisite: BSC 1010L. Lab Fee. (G.E.) (TR)

**BSC 1011C GENERAL BIOLOGY II** 4 cr. hrs.
This course includes a study of the diversity of living things, plant and animal structure, function, animal behavior, and environmental biology. Prerequisite: BSC 1010C or Instructor’s Approval. Corequisite: BSC 1011L. Lab Fee. (G.E.) (TR)

**BSC 1011C HONORS GENERAL BIOLOGY II** 4 cr. hrs.
This course includes a study of the diversity of living things, plant and animal structure, function, animal behavior, and environmental biology. Course content parallels General Biology II with additional requirements for student-led active research. Prerequisite: BSC 1010C or Instructor’s Approval. Corequisite: BSC 1011L. Lab Fee. (G.E.) (TR)

**BSC 1085C HUMAN ANATOMY AND PHYSIOLOGY I** 4 cr. hrs.
A study of the structure and function of the human body that includes basic chemistry, cell physiology, tissues, and the following systems: integumentary, skeletal, muscular, and nervous. Corequisite: BSC 1085L. Lab Fee. (CORE) (G.E.) (TR)

**BSC 1086C HUMAN ANATOMY AND PHYSIOLOGY II** 4 cr. hrs.
A study of the structure and function of the human body that includes the sensory organs, endocrine system, circulatory system, immune system, respiratory system, digestive system, urinary system, and reproductive system. Prerequisite: BSC 1085C with a grade of C or higher or Instructor’s Approval. Corequisite: BSC 1086L. Lab Fee. (G.E.) (TR)

**BSC 1420C INTRODUCTION TO BIOTECHNOLOGY** 4 cr. hrs.
This skill based course includes basic concepts and techniques necessary to work effectively in a biotechnology laboratory. Basic skills include: following procedures and keeping records; laboratory safety procedures; laboratory mathematics and measuring; preparing solutions; and basic techniques used for the separation of biomolecules. Emphasis will be on DNA manipulation techniques and
protein analysis. You will develop confidence in your ability to work safely with proficiency in the use of basic biotech lab instruments. Prerequisites: BSC 1009C, BSC 1010C, or BSC 1085C. Corequisites: BSC 1420L. Lab Fee. (G.E.) (TR)

BSC 1949 CO-OP EDUCATION TRAINING ASSIGNMENT IN BIOLOGICAL SCIENCES 1-3 cr. hrs.
A first hands-on learning activity (paid or non-paid) directly related to your academic major/career objective. (TR)

BSC 2932 SELECTED TOPICS IN BIOLOGY 1-4 cr. hrs.
Each topic is a course in directed study under the supervision of a faculty member. Prerequisites: BSC 1010C, BSC 1011C, or Instructor's Approval. (G.E.) (TR)

BSC 2949 CO-OP EDUCATION TRAINING ASSIGNMENT IN BIOLOGICAL SCIENCES 1-4 cr. hrs.
A second hands-on learning activity (paid or non-paid) directly related to your academic major/career objective. (TR)

BUL 2241 BUSINESS LAW I 3 cr. hrs.
A study of the working principles which govern the legal and social environment of business, crimes, torts, contracts, and sales. (TR)

BUL 4310 LEGAL AND ETHICAL ENVIRONMENT 3 cr. hrs.
This course covers the working principles which govern the legal and social environment of business, crimes, torts, contracts, and sales. (TR)

CCJ 1010 INTRODUCTION TO CRIMINAL JUSTICE 3 cr. hrs.
Includes the philosophical and historical background of law enforcement agencies, their development, purposes, functions, and organization with attention given to contemporary problems, processes, and constitutional aspects involved in the administration of criminal justice in a democratic society. (TR)

CCJ 1194 INTERPERSONAL COMMUNICATIONS 3 cr. hrs.
Includes interpersonal skills with topics such as human behavior/human needs; ethnic and cultural groups; mentally ill, retarded, or physically disabled inmates; orientation to crisis intervention; and stress recognition and reduction. (TR)

CCJ 1948 CO-OP EDUCATION TRAINING ASSIGNMENT IN CRIMINAL JUSTICE 1-4 cr. hrs.
First work experience in the Cooperative Education Program, in a job related to the student's academic major and career objective. Final grade determined by Co-op Director. Prerequisite: Instructor's Approval. (TR)

CCJ 2949 CO-OP EDUCATION TRAINING ASSIGNMENT IN CRIMINAL JUSTICE 1-4 cr. hrs.
A second hands-on learning activity (paid or non-paid) directly related to your academic major/career objective. Prerequisite: Instructor's Approval. (TR)

CET 1178C PC SUPPORT A+ CORE HARDWARE 3-4 cr. hrs.
This course will provide a hands-on opportunity for you to obtain the knowledge and skills necessary to service, repair and upgrade computers and peripherals in preparation for the CompTIA A+ Core Hardware exam. Topics include safety practices, a detailed look at hardware components, power supplies, CMOS, CPUs, motherboards, bus architectures, disk subsystems, hardware installation and configuration, resolving resource conflicts, data recovery, networking, system maintenance and troubleshooting, and other related topics. Upon completion, you should be able to safely repair and/or upgrade computer systems, identify and resolve system conflicts and optimize system performance. Lab Fee. (TR)

CET 1179C PC SUPPORT - A+ OS TECHNOLOGIES 3 cr. hrs.
This course provides a thorough, step-by-step process for learning the fundamentals of supporting and troubleshooting computer operating systems, thereby, better preparing you to pass the CompTIA A+ Operating System Technologies exam. Topics include how the boot process works, software and hardware interactions, operating system and software support and troubleshooting, supporting and troubleshooting operating systems and software on a network, peripheral installations, device conflict resolution, how to configure printers, modems, networking components and multimedia devices. In a hands-on learning environment, you will learn installation procedures for various operating systems, use FDISK, format, deport and various other utilities, create and use emergency boot diskettes, install and uninstall devices, perform backups, manage system files, troubleshoot operating system errors, configure networks, configure Internet access and manage printers and other peripherals. Lab Fee. (TR)

CET 1588C LAN SUPPORT - NETWORK+ 3 cr. hrs.
The course will provide you with an introduction to the basic concepts of home and Small Office Home Office PC networks in a hands-on intensive environment and aid in preparation for the CompTIA Network+ exam. Achieving Network+ certification is a good beginning for you, if you aspire a career in the IT field. Topics include transmission media, network topologies, LAN infrastructure, Ethernet, Token Ring, FDDI, wireless networks, OSI reference model, common network protocols such as NetBEUI and TCP/IP, fault tolerance, disaster recovery, network operating systems, network security, troubleshooting and various utilities commonly used to identify network connectivity issues. Lab Fee. (TR)
CET 1600C NETWORKING FUNDAMENTALS
3 cr. hrs.
This course introduces the architecture, structure, functions, components, and models of the internet and other computer networks. The principles and structure of IP addressing and the fundamentals of Ethernet concepts, media, and operations are introduced to provide a foundation for the curriculum. By the end of the course, you will be able to build simple LANs, perform basic configurations for routers and switches, and implement IP addressing schemes. This is the first of a four-part series to prepare you for the Cisco Certified Networking Associate examination. Internet access from home (or other major availability) will be necessary for this course. Lab Fee. (TR)

CET 1610C CISCO ROUTER TECHNOLOGY - Deleted

CET 1615C CISCO ADVANCED ROUTER TECHNOLOGY - Deleted

CET 1620C CISCO PROJECT BASED LEARNING - Deleted

CET 1660C COMPUTER NETWORK SECURITY
3 cr. hrs.
This course is designed to prepare you to apply and understand the basics of computer network security. The course covers aspects of computer crime, cyber-crime culture, basic networking topics, disaster planning, viruses, and denial of service attacks, firewalls, network address translation fundamentals, intrusion detection fundamentals, remote access and windows security. Prerequisite: CGS 1061C, CET 1600C or Instructor’s Approval. Lab Fee. (TR)

CET 2114C DIGITAL ELECTRONICS I
4 cr. hrs.
Introduces topics needed to become proficient in digital electronics. Topics covered are number systems, computer arithmetic, Boolean algebra, logic functions, gates, flip flops, registers, counters, encoders, decoders, arithmetic circuits, shift counters, and memories. Lab experiments are used to verify the concepts studied. Prerequisite: EET 1141C or Instructor’s Approval. Lab Fee. (TR)

CET 2123C INTRODUCTION TO MICROPROCESSORS
3 cr. hrs.
This course uses the concepts learned in Digital Electronics I to develop a systems concept using digital circuits. Emphasis is placed on the minicomputer system. Topics covered include programming, CPU structure, internal timing, Buss structures, and interrupts. Hands-on experience with minicomputer system is included. Prerequisite: CET 2114C. Lab Fee. (TR)

CET 2662C SECURITY TESTING AND AUDITING
3 cr. hrs.
This hands-on course focuses on establishing and using test and audit policies to minimize vulnerability to intrusion and maximize intrusion detection. Course covers basics of testing a network security environment, including installation, configuration, and utilization of software tools for testing and auditing. Internal and external security auditing is also discussed. Prerequisite: CGS 1061C, CET 1600C or Instructor’s Approval. (TR)

CET 2691 LAWS AND LEGAL ASPECTS OF IT SECURITY
2 cr. hrs.
This course will provide you with an overview of legal issues common to computer and security; and interweaves business reading paradigms which offer a macro-context against such issues. These issues topically fall within the parameters of privacy, intellectual property, computer crime investigation for network breaches, civil liability, and ethics of the information technology (IT) professional focused on network security. The course will seek to expand on all matters of law that may be included on any network security certification exam, but also covers broadly the economic impact that security breaches have on industry sectors and business responses. Coursework will include reviewing fact patterns applied to legal and ethical authorities. (TR)

CET 2792 MICROSOFT WINDOWS SERVER
3 cr. hrs.
This course provides the core knowledge needed for supporting Microsoft Windows Server Operating System. The curriculum is designed to train you and support professionals in all the skills needed to install, configure, customize, optimize, network, integrate, and troubleshoot Windows Servers in a variety of environments. Completion of this course will prepare you to take the Microsoft Server Certification Exam which includes installing, configuring and administering Microsoft Windows Server products. Lab Fee. (TR)

CET 2793 WINDOWS NETWORK INFRASTRUCTURE
3 cr. hrs.
This course provides you with the knowledge and skills required to install, manage, monitor, configure and troubleshoot DNS, DHCP, Remote Access, Network Protocols, IP Routing and WINS in a Microsoft Windows Operating System environment. Completion of this course will prepare you to take Microsoft’s Certification Exam requiring knowledge of how to implement and administer the Microsoft Windows Network Infrastructure environment. Prerequisite: CET 2792. Lab Fee. (TR)

CET 2794 MICROSOFT DIRECTORY SERVICES
3 cr. hrs.
This course provides you with the core knowledge needed for supporting Microsoft Windows Operating Systems. The curriculum is designed to train you and support professionals in all the skills needed to design, implement, and support a Windows Server object oriented directories including server analysis and optimization, network analysis and optimization; and troubleshooting in the enterprise environment. Completion of this course will prepare you to take Microsoft’s Certification Exam which includes implementing and administering Microsoft Windows Directory Services Infrastructure. Prerequisite: CET 2792. Lab Fee. (TR)
CET 2796 DESIGNING SECURITY FOR A MICROSOFT 
WINDOWS NETWORK 3 cr. hrs.
This course provides the knowledge and skills required to control and audit access to Microsoft Windows resources, setup authentication and encryption. It also provides the knowledge and skills to analyze the business, security and technical requirements required to operate medium to very large computing environments. Completion of this course will prepare you for Microsoft’s Certification Exam which includes designing security in a Microsoft Windows Network. Prerequisite: CET 2792. Lab Fee. (TR)

CET 2880C DATA FORENSICS I 3 cr. hrs.
This course provides information on identifying inappropriate uses of corporate IT, gathering electronic evidence of wrongdoing, securing corporate systems from further misuse, and protecting electronic evidence from intentional or accidental modification. Hands-on exercises are an integral part of the course. Prerequisite: CET 1660C, CGS 1135C or Instructor’s Approval. (TR)

CET 2881C DATA FORENSICS II 3 cr. hrs.
This course provides information on advanced computer forensics. You will learn how to prepare for and conduct a computer investigation, use computer forensics software including access data forensic tool kit FTK and guidance software encase, work with computer forensics acquisition hardware including forensic recovery evidence device (FRED), use ultimate tool kit write blocker suite and voom hardcopy II, apply advanced techniques in windows registry analysis utilizing FTKS registry analyzer, recover forensic DATA from handheld devices such as PDAS, pagers, and cell phones using parabens cell and PDA seizure, use password recovery tools including access data PRTK, conduct analysis of windows operating system, and run forensic analysis of Microsoft’s newest operating system. Hands-on exercises are in integral part of the course. Pre/ Corequisite: CET 2880C or Instructor’s Approval. (TR)

CET 2905 SEMINAR IN BIOMEDICAL ELECTRONIC 
ENGINEERING SYSTEMS 1-4 cr. hrs.
A study in biomedical electronic engineering taught under the direction of a faculty member. Topics vary and are usually selected on an individual basis. (TR)

CET 2930C SELECTED TOPICS IN COMPUTER NET-
WORKING 1-4 cr. hrs.
Selected topics centering on current interest in computer networking. Topics may vary from term to term. Lab Fee. (TR)

CET 2941 INTERNSHIP IN MICROCOMPUTER SYS-
TEMS TECHNOLOGY 3 cr. hrs.
Internship educational training directly related to your major/ career objectives. You will complete the required hours in the field under the guidance of an instructor and the supervision of a designated professional.

CGS 1061C FUNDAMENTALS OF COMPUTERS 3 cr. hrs.
This course introduces you to the fundamentals of computer hardware and software, mobile devices, security and networking concepts, and the responsibilities of an IT professional. Topics include Linux, and client side virtualization, as well as expanded information about Microsoft Windows operating systems, security, networking, and troubleshooting. Lab Fee. (TR)

CGS 1100C INTRODUCTION TO MICROCOMPUTERS 
USING WINDOWS 2-3 cr. hrs.
This course is an introduction to basic microcomputing concepts including business software applications and ethical and responsible computer use. You will gain hands-on experience in word processing, spreadsheet, database, and presentation software using Microsoft Office applications and online graphics applications. Lab Fee. (G.E.) (TR)

CGS 1135C INTRODUCTION TO COMPUTER FOREN-
SICS 3 cr. hrs.
This course will introduce you to the principals and practices required to obtain and preserve evidence in a computer forensics investigation. The topics covered in this course include a survey of current computer forensics tools, incident/crime scene processing, digital evidence control, and reporting. Prerequisite: CGS 1061C, CET 1600C or Instructor’s Approval. (TR)

CGS 2510C SPREADSHEET APPLICATIONS 3 cr. hrs.
This course is a study of electronic spreadsheet construction techniques. Topics to be discussed include spreadsheet design; using the command structure; making, copying, and moving cell entries; arithmetic operations and formulas; formatting cells; using built-in functions; using lookup tables; linking spreadsheets; creating graphs; printing output; and designing and implementing macros. Prerequisite: CGS 1100C or Instructor’s Approval. Offered on Highlands Campus fall and spring terms. Lab Fee. (TR)

CGS 2540C INTRODUCTION TO DATABASE MANAGE-
MENT 3 cr. hrs.
This course is a study of microcomputer database management systems and their applications in a business environment. Topics to be discussed include fundamental concepts of database design, creating, editing, and modifying database files, sorting, indexing, querying, and creating forms and reports with hands-on experience using appropriate database software. Prerequisite: CGS 1100C or Instructor’s Approval. Offered fall term. Lab Fee. (TR)

CGS 2565C PRINCIPLES OF COMPUTER INFOR-
MATION SYSTEMS 3 cr. hrs.
This course is designed to give you a foundation in computer information fundamentals. Computer terminology, basic system architecture, processing and storage concepts, and data communications, and advanced applications will be covered. In addition, you will acquire skills in operating
systems, number systems (including binary, hexadecimal, octal, and decimal), algorithm development, and computer programming. Pre- or Corequisite: CGS 1100C or Instructor’s Approval. This course is offered online in the spring term. Lab Fee. (TR)

CGS 2820 INTRODUCTION TO WEB DESIGN
3 cr. hrs.
This course is designed to teach you the skills needed to design, create, modify, and publish websites on the internet. You will gain knowledge of the principles of effective website design, learn introductory web graphics techniques, gain extensive HTML (Hypertext Markup Language) and CSS (Cascading Style Sheet) programming skills, and learn the principles of website construction and maintenance. The course also includes a brief to graphics and web scripting for website support. Lab Fee. (TR)

CGS 2930 SELECTED TOPICS IN COMPUTERS GENERAL STUDIES
1-4 cr. hrs.
Selected topics centering on current interest in computer general studies. Topics may vary from term to term. (TR)

CHM 1020 INTRODUCING GENERAL CHEMISTRY
3 cr. hrs.
An introductory course designed for liberal studies and non-science majors. It is also suitable for you, if you have not taken high school chemistry and plan to take CHM 2045C. The course covers modern chemical theories used to develop an understanding of fundamentals of inorganic chemistry and its applications without an extensive use of mathematics. Emphasis is on quantitative relationships using dimensional analysis to solve problems and includes selected topics from both organic and biochemistry. This course may not be taken for credit subsequent to earning a grade of C or higher in CHM 2045C. (CORE) (G.E.) (TR)

CHM 1020L INTRODUCING GENERAL CHEMISTRY LAB
1 cr. hr.
An introductory chemistry laboratory course designed to complement CHM 1020. This course is for liberal studies and non-science majors. It is also suitable for you, if you have not taken high school chemistry and plan to take CHM 2045C. Prerequisite: CHM 1020. Corequisite: CHM 1020. Lab Fee. (CORE) (G.E.) (TR)

CHM 1949 CO-OP EDUCATION TRAINING ASSIGNMENT IN CHEMISTRY
1-3 cr. hrs.
A first hands-on learning activity (paid or non-paid) directly related to your academic major/career objective. (TR)

CHM 2045C GENERAL CHEMISTRY I
4 cr. hrs.
A study of the principles of chemistry, atomic and molecular structure, the periodic system, stoichiometry, bonding, thermochemistry, gas laws, solutions, formulas, and equations. Pre- or Corequisite: MAC 1105 or Instructor’s Approval. Corequisite: CHM 2045L. Lab Fee. (CORE) (G.E.) (TR)

CHM 2046C GENERAL CHEMISTRY II
4 cr. hrs.
A study of kinetics, equilibrium, precipitation reactions, acid-base theory, coordination compounds, redox, nuclear reactions, qualitative analysis, and an introduction to organic compounds. Prerequisite: CHM 2045C. Corequisite: CHM 2046L. Lab Fee. (G.E.) (TR)

CHM 2210C ORGANIC CHEMISTRY I
5 cr. hrs.
An introduction to the organic compounds of the alkane, alkene, alkyne, alcohol, ether, thiol, sulfide, and halide groups. Emphasis is on nomenclature, structural representation, stereochemistry, physical properties, and common reactions. It provides an understanding of modern instrumentation as applied to organic chemistry. Course content parallels Organic Chemistry I with additional requirements for student-led active research. Prerequisites: CHM 2045C or Instructor’s Approval. Corequisite: CHM 2210L. Lab Fee. (G.E.) (TR)

CHM 2210C HONORS ORGANIC CHEMISTRY I
5 cr. hrs.
The first of a two-term honors organic chemistry course emphasizing nomenclature, structural representation, stereochemistry, physical properties, common reactions, and providing an understanding of modern instrumentation used in organic chemistry. Course content parallels Organic Chemistry I with additional requirements for student-led active research. Prerequisites: CHM 2045C or Instructor’s Approval. Corequisite: CHM 2210L. Lab Fee. (G.E.) (TR)

CHM 2211C ORGANIC CHEMISTRY II
5 cr. hrs.
A study of reaction mechanisms, synthesis, functionality, spectroscopy, and chromatography. Prerequisite: CHM 2210C. Corequisite: CHM 2211L. Lab Fee. (G.E.) (TR)

CHM 2211C HONORS ORGANIC CHEMISTRY II
5 cr. hrs.
The second part of a two-term honors organic chemistry course emphasizing reaction mechanisms, synthesis, functionality, spectroscopy, and chromatography. Course content parallels Organic Chemistry II with additional requirements for student-led active research. Prerequisite: CHM 2210C. Corequisite: CHM 2211L. Lab Fee. (G.E.) (TR)

CHM 2932 HONORS SPECIAL TOPICS IN CHEMISTRY
1-4 cr. hrs.
Each topic is a course in directed study under the supervision of a faculty member. This course may be repeated and offered as an honors course. (TR)

CHM 2936 SELECTED TOPICS IN CHEMISTRY
1-4 cr. hrs.
Each topic is a course in directed study under the supervision of a faculty member. This course may be repeated. (TR)

CHM 2949 CO-OP EDUCATION TRAINING ASSIGNMENT IN CHEMISTRY
1-4 cr. hrs.
A second hands-on learning activity (paid or non-paid) directly related to your academic major/career objective. (TR)
CIS 1949 CO-OP EDUCATION TRAINING ASSIGNMENT
IN COMPUTER INFORMATION SYSTEMS
1-3 cr. hrs.
A first hands-on learning activity (paid or non-paid) directly related to your academic major/career objective. (TR)

CIS 2352C ETHICAL HACKING I
3 cr. hrs.
This hands-on course teaches you how to hack into information systems using ethical standards. You will learn system and network penetration testing, the tools and techniques used to exploit vulnerabilities such as social engineering, buffer overflows, etc., and how to defend against attacks. Prerequisite: CET 1660C, CGS 1135C or Instructor’s Approval. (TR)

CIS 2358C OPERATING SYSTEM SECURITY
3 cr. hrs.
This course will focus on Windows, Linux and OSX operating systems security. You will acquire knowledge and skills needed to perform audit assessments and implement an operating system security. Prerequisite: CGS 1061C or Instructor’s Approval. (TR)

CIS 2359C ETHICAL HACKING II
3 cr. hrs.
This course is a continuation of Ethical Hacking I with emphasis on advanced techniques. This hands-on course teaches you how to hack into information systems using ethical standards. You will also learn system and network penetration testing, tools and techniques used to exploit vulnerabilities such as social engineering, buffer overflows, and how to defend against attacks. Pre/Corequisite: CIS 2352C or Instructor’s Approval. (TR)

CIS 2930 SELECTED TOPICS IN COMPUTER SCIENCE
1-4 cr. hrs.
Selected topics centering on current interest in computer science. Topics may vary from term to term. Each topic is a course in directed study under the supervision of a faculty member. (TR)

CIS 2949 CO-OP EDUCATION TRAINING ASSIGNMENT
IN COMPUTER INFORMATION SYSTEMS
1-4 cr. hrs.
A second hands-on learning activity (paid or non-paid) directly related to your academic major/career objective. (TR)

CJC 2162 PROBATION, PARDON, AND PAROLE
3 cr. hrs.
A study of probation as a judicial process and parole as an executive function in community-based correctional programs. (TR)

CJC 2300 ADMINISTRATION OF CORRECTIONAL INSTITUTIONS
3 cr. hrs.
Principles of administration in the correctional setting including fiscal responsibility, recruitment, development of staff, administrative decision making, public relations, and other correctional administrative functions. (TR)

CJC 1000 INTRODUCTION TO LAW ENFORCEMENT
3 cr. hrs.
A study of the philosophical and historical backgrounds of law enforcement; the purpose, organization, and function of law enforcement and similar agencies involved in the administration of criminal justice in the United States; and orientation to careers in law enforcement. (TR)

CJE 2300 POLICE ADMINISTRATION AND ORGANIZATION
3 cr. hrs.
This is a study of the principles of law enforcement organization, administration, and supporting services as applied to staff functions; personnel recruiting, training, and promotion; planning and research along with inspection and control and policy formation study; and communication, records, and activities of other supportive services. (TR)

CJE 2452 CRIMINAL JUSTICE AND COMMUNITY RELATIONS
3 cr. hrs.
An orientation to the concepts of criminal justice and community relations relating particularly to law enforcement responsibilities in the areas of social protest, minority groups, and youth. (TR)

CJE 2600 CRIMINAL INVESTIGATIONS
3 cr. hrs.
A study of the fundamentals, principles, concepts, theory, and history of investigation. It covers methods of investigation, case preparation, and problems in criminal investigation. Investigative techniques of specific crimes including juvenile offenses are emphasized. (TR)

CJE 2640 MODERN CRIME SCENE INVESTIGATION
3 cr. hrs.
You will learn the basic techniques of collection, identification, preservation, and transportation of physical evidence within the resources of the investigator or crime technician including advanced criminalistics to familiarize you with the capabilities and limitations of the advanced police science laboratory. (TR)

CJE 1001 Juvenile Justice
3 cr. hrs.
A survey of the nature and extent of crime and delinquency together with the major approaches to causation, apprehension, control, and treatment. (TR)
As a law enforcement officer, you must deal with a variety of issues when interacting with the public. One of the most challenging issues is dealing with individuals who suffer from one or more of a variety of disabilities. As an officer, you must protect the rights of people with disabilities while at the same time protecting the public whether the disability is mental, physical or age related. Further, you must identify cases of abuse, negligence, or exploitation by caregivers or others who may victimize people with disabilities. (CH)

This course introduces you to the law enforcement academy program, criminal justice system in Florida, criminal justice values and ethics, and the criminal justice organizational structure. Lab Fee. (CH)

This course introduces you to the criminal justice system in Florida, constitutional law, elements of various crimes, and the legal application of the enforcement of the laws. (CH)

This course introduces you to the law enforcement officer’s interaction with citizens who may be in a crisis situations or suffering from various mental or physical impairments. (CH)

This course introduces you to basic communication theory and techniques including how communication is affected by behavior, responses, barriers and emotional triggers, and the proper documentation of an incident in a report. (CH)

Includes the components of the police driving under normal and emergency conditions during daylight and night conditions. Involves both lecture and practical exercises and testing on the driving range. (CH)

At the end of instruction, you will learn the importance of the Criminal Justice Standards and Training Commission and the requirements for certification as an auxiliary law enforcement officer in the State of Florida. Lab Fee. (CH)

This course presents a foundational understanding of the United States legal system and the various sources of laws. (CH)

At the completion of this course, you should understand professional expectations, electronic communications, interview skills, and writing skills. (CH)

As a law enforcement officer, you must deal with a variety of issues when interacting with the public. One of the most challenging issues is dealing with individuals who suffer from one or more of a variety of disabilities. As an officer, you must protect the rights of people with disabilities while at the same time protecting the public whether the disability is mental, physical or age related. Further, you must identify cases of abuse, negligence, or exploitation by caregivers or others who may victimize people with disabilities. (CH)

This course presents the procedures involved in responding to calls for service and actions the officer takes upon arrival at a call. The course also addresses types of community service calls as well as disturbance and court order scenarios. The course includes units that discuss arrest procedures and an introduction to the Incident Command System. (CH)

This course presents the procedures involved in responding to calls for service and actions the officer takes upon arrival at a call. The course also addresses types of community service calls as well as disturbance and court order scenarios. The course includes units that discuss arrest procedures and an introduction to the Incident Command System. (CH)

This course introduces you to the law enforcement officer's interaction with citizens who may be in a crisis situations or suffering from various mental or physical impairments. (CH)

This course covers traffic stops and crash investigations which require you, as an officer, to use proper procedures to ensure both your own and the public’s safety. These two tasks are tested on the State Officer’s Certification Exam. The course will provide you with the basic knowledge needed for the State Exam as well as a basic knowledge level when you enter the field. (CH)

This course presents the techniques needed in emergency medical situations and provides an orientation to the major types of communicable diseases, signs and symptoms, and transmissions methods. Also, the symptoms of food-borne illnesses and general guidelines for health observations are included. (CH)

This course includes instruction in the use of officer firearms including handguns, rifles, and shotguns. Safety procedures weapon nomenclature, and ammunition are covered in lecture. Practical exercises and proficiency testing are included. (CH)

This course includes the techniques used for an officer’s personal safety and those necessary to subdue, search, and then transport resisting individuals. The use of restraining devices, impact weapons, and pressure points are covered. Instruction includes the use of chemical agents with practical exercises included. (CH)
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Hours</th>
<th>Notes</th>
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</thead>
<tbody>
<tr>
<td>CJK 0064</td>
<td>FUNDAMENTALS OF PATROL</td>
<td>35</td>
<td>1.2</td>
<td>This course addresses the skills and techniques that are needed by officers daily to do patrol tactics and respond to various types of calls. Methods of approach to various high-risk situations are explored with practical exercises included. (CH)</td>
</tr>
<tr>
<td>CJK 0065</td>
<td>CALLS FOR SERVICE</td>
<td>36</td>
<td>1.2</td>
<td>This block of instruction will prepare you to identify noncriminal calls for service, respond in a professional manner, evaluate the incident, and determine the appropriate resources necessary to resolve the situation while maintaining officer safety and situational awareness. You will be able to explain how to consider the ability of people who will be assisting, their legal limitation, and the safety of all parties involved. Prerequisite: Admission to the BLE Academy. (CH)</td>
</tr>
<tr>
<td>CJK 0077</td>
<td>CRIMINAL INVESTIGATIONS</td>
<td>50</td>
<td>1.7</td>
<td>This course will introduce you to the basic investigative techniques, involving various offenses and victims. It focuses on the elements of various crimes, locating and interviewing witnesses, and the presentation of information in the courtroom, and depositions. (CH)</td>
</tr>
<tr>
<td>CJK 0078</td>
<td>CRIME SCENE TO COURTROOM</td>
<td>35</td>
<td>1.2</td>
<td>This course will introduce you to the basic skills necessary to locate, protect, process, photograph and collect evidence at a crime scene. (CH)</td>
</tr>
<tr>
<td>CJK 0084</td>
<td>DUI TRAFFIC STOPS</td>
<td>24</td>
<td>0.8</td>
<td>This course addresses the skills and techniques used when making a suspected traffic stop for DUI, including observation, contact, field sobriety tests, arrest, and various tests to determine breath/blood alcohol levels. (CH)</td>
</tr>
<tr>
<td>CJK 0087</td>
<td>TRAFFIC STOPS</td>
<td>30</td>
<td>1</td>
<td>This course addresses the skills and techniques used when making an unknown traffic stop, performing search and inventory of a vehicle, and performing high risk traffic stops. (CH)</td>
</tr>
<tr>
<td>CJK 0088</td>
<td>TRAFFIC CRASH INVESTIGATIONS</td>
<td>32</td>
<td>1.1</td>
<td>This course addresses the skills and techniques used when investigating traffic crashes including determining the damage to roadway and vehicles, applying proper safety procedures, determine causes and appropriate violations of traffic statutes. (CH)</td>
</tr>
<tr>
<td>CJK 0092</td>
<td>CRITICAL INCIDENTS</td>
<td>44</td>
<td>1.5</td>
<td>This course addresses the skills and techniques that are needed by officers daily to do patrol tactics and respond to various types of calls. Methods of approach to various high-risk situations are explored with practical exercises included. (CH)</td>
</tr>
<tr>
<td>CJK 0096</td>
<td>PHYSICAL FITNESS TRAINING</td>
<td>60</td>
<td>2.0</td>
<td>This course will introduce you to the basic concepts of wellness, and exercise with a goal of improving overall health and fitness. You will be tested in five specific areas of 1.5 mile run, 300 meter burst of energy, sit-ups, push-ups, and vertical jump. (CH)</td>
</tr>
<tr>
<td>CJK 0300</td>
<td>INTRODUCTION TO CORRECTIONS</td>
<td>32</td>
<td>1.1</td>
<td>This course provides you an overview of the correctional officer training program and the requirements for becoming a certified officer. It also provides you with instruction on basic criminal justice values, ethics, and a foundational knowledge of the law and the ability to apply that law to specific incidents. Lab Fee. (CH)</td>
</tr>
<tr>
<td>CJK 0305</td>
<td>COMMUNICATIONS</td>
<td>40</td>
<td>1.3</td>
<td>This course provides practical communication skills that will assist you in managing and supervising inmates, giving directions, answering questions, and interacting with others in a professional and safe manner. The course includes interpersonal communication, telecommunications, interviewing, note-taking, and report writing. (CH)</td>
</tr>
<tr>
<td>CJK 0310</td>
<td>OFFICER SAFETY</td>
<td>16</td>
<td>0.5</td>
<td>This course will give you an overview on safety and security concerns, identification, manipulation and deception, contraband, and searches. (CH)</td>
</tr>
<tr>
<td>CJK 0315</td>
<td>FACILITY AND EQUIPMENT</td>
<td>8</td>
<td>0.3</td>
<td>This course gives you an overview and basic knowledge of standard equipment and materials used to keep correctional facilities clean, safe, and secure. You will also learn to identify common problems found when managing equipment. (CH)</td>
</tr>
<tr>
<td>CJK 0320</td>
<td>INTAKE AND RELEASE</td>
<td>18</td>
<td>0.6</td>
<td>This course provides you with an overview of the various intake, classification, and release processes used by county and State facilities. (CH)</td>
</tr>
<tr>
<td>CJK 0325</td>
<td>SUPERVISING IN A CORRECTIONAL FACILITY</td>
<td>40</td>
<td>1.3</td>
<td>This course gives you an overview of the role of the correctional officer in the care custody and control of inmates, as well as, the importance of developing supervisory and observational skills, practicing officer safety, and following policies and procedures to ensure the safe operation of a correctional facility. (CH)</td>
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<tr>
<td>Course Code</td>
<td>Course Title</td>
<td>Credits</td>
<td>Description</td>
<td>Prerequisites</td>
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<tr>
<td>CJK 0330</td>
<td>SUPERVISING SPECIAL POPULATIONS</td>
<td>20 hrs</td>
<td>This course gives you, as an officer, the awareness of special populations and the appropriate responses when interacting with and supervising a variety of individuals that have been grouped together. (CH)</td>
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<tr>
<td>CJK 0335</td>
<td>RESPONDING TO INCIDENTS AND EMERGENCIES</td>
<td>16 hrs</td>
<td>This course provides you, as an officer, the awareness and ability to apply knowledge, training, and reasonable judgment to ensure the safety and security of all persons at the facility during an emergency. (CH)</td>
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<tr>
<td>CJK 0340</td>
<td>OFFICER WELLNESS AND PHYSICAL ABILITIES</td>
<td>30 hrs</td>
<td>This course is designed to prepare you physically to perform the physical duties as a correctional officer through the implementation of a physical fitness training plan and a nutritional component. (CH)</td>
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<tr>
<td>CJK 0393</td>
<td>CROSSOVER PROGRAM UPDATES</td>
<td>8 hrs</td>
<td>This course prepares you to understand updated content from the applicable basic recruit training program. The course content and hours may be distributed as needed throughout the program to integrate updated techniques or instruction from the updated course material as it becomes available. Lab Fee. (CH)</td>
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<tr>
<td>CJK 0422</td>
<td>DART-FIRING STUN GUN</td>
<td>8 hrs</td>
<td>This course will introduce you to the basics of both the stun gun and the dart-firing stun gun and give you fundamental knowledge on the emerging tool of criminal justice officers. (CH)</td>
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<tr>
<td>CJL 1101</td>
<td>CONSTITUTIONAL LAW</td>
<td>3 hrs</td>
<td>A detailed study of the U.S. Constitution and case law as it applies to the criminal justice system with emphasis on the Bill of Rights, the Supreme Court, and legal research. (TR)</td>
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<tr>
<td>CJL 2100</td>
<td>CRIMINAL LAW</td>
<td>3 hrs</td>
<td>This course covers the scope, purpose, and principles of criminal law; the role of the Supreme Court, Florida Courts, State statutes, and concepts of constitutional law; an analysis of criminal acts against persons and property; the classification of crimes; and an examination of selected specific criminal offenses. (TR)</td>
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<tr>
<td>CJL 2130</td>
<td>CRIMINAL EVIDENCE AND PROCEDURE</td>
<td>3 hrs</td>
<td>This is a study and evaluation of evidence and proof, rules of evidence and important procedures at the operational level in law enforcement, and the procedures of courts in criminal cases. (TR)</td>
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<tr>
<td>CLP 2140</td>
<td>ABNORMAL PSYCHOLOGY</td>
<td>3 hrs</td>
<td>This is an advanced course in the scientific study of human behavior. Emphasis is on the process of critical thinking regarding abnormal behavior and thought in individual adjustment to the physical and social environment. Prerequisite: PSY 2012. (TR)</td>
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<tr>
<td>CLP 2140</td>
<td>HONORS ABNORMAL PSYCHOLOGY</td>
<td>3 hrs</td>
<td>This is an advanced course in the scientific study of human behavior. Emphasis is on the process of critical thinking regarding abnormal behavior and thought in individual adjustment to the physical and social environment. Prerequisite: PSY 2012. (TR)</td>
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<tr>
<td>COE 1949</td>
<td>CO-OP WORK EXPERIENCE I</td>
<td>1-3 hrs</td>
<td>Available in most disciplines. Prerequisite: Completion of 12 credit hours of coursework, a minimum GPA of 2.0, satisfaction of employer work requirements and approval by the Co-op director/faculty advisor. First work experience (paid or non-paid) in the Cooperative Education Program, is a hands-on learning activity directly related to your academic major and career objective. Grade determined by Co-op Office/Faculty advisor. (TR)</td>
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<tr>
<td>COE 2949</td>
<td>CO-OP WORK EXPERIENCE II</td>
<td>1-3 hrs</td>
<td>Available in most disciplines. Prerequisite: Successful completion of COE 1949 - Co-op Work Experience I, a minimum GPA of 2.0, satisfaction of employer work requirements and approval by the Co-op director/faculty advisor. Second work experience (paid or non-paid) as a continuation COE 1949 Co-op Work Experience I, or a change in learning assignment with approval by the Co-op Office. (TR)</td>
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</tr>
<tr>
<td>COP 1949</td>
<td>CO-OP EDUCATION TRAINING ASSIGNMENT IN COMPUTER PROGRAMMING</td>
<td>1-3 hrs</td>
<td>A first hands-on learning activity (paid or non-paid) directly related to your academic major/career objective. (TR)</td>
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<tr>
<td>COP 2170C</td>
<td>PRINCIPLES OF COMPUTER PROGRAMMING</td>
<td>3 hrs</td>
<td>The course stresses proper programming methodology, problem solving, structured programming techniques, code implementation, debugging, and testing. Essential aspects of programming are covered, including the construction and manipulation of applications, controls, forms, code (including decisions, looping, and file access), and formatting. Basic internet programming techniques will also be covered. You will gain extensive hands-on programming experience using appropriate computer language will be used. Pre/Corequisite: CGS 1100C or Instructor's Approval. Offered fall term. Lab Fee. (TR)</td>
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<tr>
<td>COP 2171C</td>
<td>ADVANCED PROGRAMMING TECHNIQUES</td>
<td>3 hrs</td>
<td>This course covers the implementation of advanced programming techniques with an emphasis on the integration of computer language and software development. Pre/Corequisite: CGS 1100C or Instructor's Approval. Offered fall term. Lab Fee. (TR)</td>
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</tbody>
</table>
of programming with existing computing applications. Writing programs to customize and integrate word processing, spreadsheet, and database applications will be stressed, as well as using programming techniques for object linking and embedding, and macro development. Previous experience with full-featured, Windows-based word processing, database, or spreadsheet is recommended. You will have the opportunity to design, create, and maintain several advanced programming projects using an appropriate computer programming language. Prerequisite: COP 2170C or Instructor’s Approval. Offered on Highlands Campus spring term. Lab Fee. (TR)

**COP 2224 INTRODUCTION TO C++ PROGRAMMING**

3 cr. hrs.

This course is an introduction to programming using the C++ programming language. You will design, code, input, run and debug basic programs in the C++ programming language. Variables, data types, arithmetic operations, conditional operations, basic input/output, functions, looping, and file access will be covered. In addition, you will gain an overview of the history of computing, basic computer organization, numbering systems, and the program development cycle. Prerequisite: CGS 1100C. Offered fall term. Lab Fee. (TR)

**COP 2228 ADVANCED C++ PROGRAMMING**

3 cr. hrs.

This course is a continuation of Introductory C++ Programming. Object Oriented Programming (OOP) concepts will be emphasized, specifically the use of classes and objects. Declaration and implementation of classes, constructors, destructors, data objects, and methods will be discussed. Abstraction, inheritance, and dynamic binding concepts will be presented. Database management through the use of advanced data structures including arrays, pointers, linked lists, stacks, queues, and trees will be covered. Sorting, searching, and recursion mechanisms will also be analyzed. Prerequisite: COP 2224 or Instructor’s Approval. Offered spring term. Lab Fee. (TR)

**COP 2250 JAVA PROGRAMMING**

3 cr. hrs.

This course will cover the principles of object-oriented programming using the Java programming language. Java data types, input/output, control structures, methods and objects will be addressed. You will also learn basic file access principles as well as how to apply Java in web-based environments. You should have previously acquired programming skills in another computer language before taking Java. Since the course will be available online, you should also have extensive internet and computing skills, as well as the ability to work well independently. This course satisfies the degree requirements for an advanced programming class. Prerequisites: COP 2170C, COP 2224, other computer programming language course, or Instructor’s Approval. Offered fall term only. Lab Fee. (TR)

**COP 2810 PROGRAMMING FOR THE INTERNET**

3 cr. hrs.

This course covers web page internet programming including extensive HTML coding for web page creation, CSS for text and image design, introduction to JavaScript, and website creation tools. Concepts such as effective page layout, navigation, image manipulation, online form creation and manipulation, accessibility, and coding standards will also be addressed. Prerequisite: CGS 1100C or Instructor’s Approval. Lab Fee. (TR)

**COP 2930 SELECTED TOPICS IN COMPUTER PROGRAMMING**

1-4 cr. hrs.

Selected topics centering on current interest in computer programming. Topics may vary from term to term. Each topic is a course in directed study under the supervision of a faculty member. (TR)

**COP 2949 CO-OP EDUCATION TRAINING ASSIGNMENT IN COMPUTER PROGRAMMING**

1-4 cr. hrs.

A second hands-on learning activity (paid or non-paid) directly related to your academic major/career objective. (TR)

**COS 0080 COSMETOLOGY CONCEPTS I**

120 con. hrs. 4 occ. crs.

This course introduces basic cosmetology concepts which include first aid and safety, bacteriology, trichology, diseases and disorders, hygiene, product knowledge, chemistry, ethics, client consultation, haircutting, hairstyling and other related topics. Upon completion, you should be able to safely and competently apply cosmetology concepts in the salon setting. Corequisite: COS 0080L with a grade of C or higher. (CH)

**COS 0080L SALON I**

360 con. hrs. 12 occ. crs.

This course introduces basic salon services which include scalp treatments, shampooing and rinsing, hair color hair design, haircutting, permanent waving, chemical relaxing, pressing, manicuring, facials, makeup and other related topics. Upon completion of this course, you should be able to safely and competently demonstrate these salon services. Corequisite: COS 0080 with a grade of C or higher. Lab Fee. (CH)

**COS 0081 COSMETOLOGY CONCEPTS II**

120 con. hrs. 4 occ. crs.

This course covers more comprehensive concepts which include safety, product knowledge, chemistry, manicuring, facials, chemical texturizing, hair coloring, anatomy and physiology, Florida cosmetology law and other related topics. Upon completion, you should be able to safely and competently apply these concepts in the salon setting. Prerequisite: COS 0080 with a grade of C or higher. Corequisite: COS 0081L with a grade of C or higher. (CH)

**COS 0081L SALON II**

360 con. hrs. 12 occ. crs.

This course provides experience in a simulated salon setting. Emphasis is placed on an intermediate level of
skin care, manicuring, artificial nail applications, scalp treatments, shampooing, rinsing, hair color, design, haircutting, chemical texturizing, and other related topics. Upon successful completion, you should be able to safely and competently demonstrate these salon services. Prerequisite: COS 0080L with a grade of C or higher. Corequisite: COS 0081L with a grade of C or higher. (CH)

COS 0082 COSMETOLOGY CONCEPTS III
90 con. hrs. 3 occ. crs.
This course covers more comprehensive cosmetology concepts which include safety, product knowledge, salon management and salesmanship, skin care, electricity and light therapy, wigs and hair additions, lash and brow tinting, superfluous hair removal and other related topics. Upon completion, you should be able to safely and competently apply these concepts in the salon setting. Prerequisite: COS 0081 with a grade of C or higher. Corequisite: COS 0082L with a grade of C or higher. (CH)

COS 0082L SALON III
150 con. hrs. 5 occ. crs.
This course provides advanced experience in a simulated salon setting. Emphasis is placed on efficient and competent delivery off all salon services in preparation for the licensing examination and employment. Upon completion, you should be able to demonstrate competence in program requirements and the areas covered on the State board licensing examination and meet entry-level employment requirements. Prerequisite: COS 0081L with a grade of C or higher. Corequisite: COS 0082 with a grade of C or higher. (CH)

COS 0930 SPECIAL TOPICS IN COSMETOLOGY
30-240 con. hrs. 1-8 occ. crs.
Selected topics centering on current interest in cosmetology. Topics may vary from term to term. (CH)

CPO 2001 COMPARATIVE POLITICS
3 cr. hrs.
The course is a comparative analysis of the political systems according to institutional and developmental characteristics. Comparison relates to contemporary political institutions and processes in specific countries. Research projects, analysis and discussion of contemporary issues and comparisons to the American system will be emphasized. (G.E.) (TR) (DV)

CPO 2001 HONORS COMPARATIVE POLITICS
3 cr. hrs.
The course is a comparative analysis of the political systems according to institutional and developmental characteristics. Comparison relates to contemporary political institutions and processes in specific countries. Research projects, analysis and discussion of contemporary issues and comparisons to the American system will be emphasized. (G.E.) (TR) (DV)

CRW 2001 CREATIVE WRITING
3 cr. hrs.
This course includes the techniques of description and narration. Emphasis is placed upon personal essay, short stories, and poetry. Prerequisite: ENC 1101 with a grade of C or higher. (TR)

CRW 2001 HONORS CREATIVE WRITING
3 cr. hrs.
You will write fiction, poetry, and drama in a cooperative classroom where you will read and critique each other’s work and have your own work critiqued in return. Prerequisite: ENC 1101 with a grade of C or higher. Usually offered fall term. (TR)

CTS 1156 DESKTOP SUPPORT
1-3 cr. hrs.
This course is designed for you, if you work or intend to work in a remote-based support environment where customer service, client training, operating system and connectivity issues are emphasized. It will build on existing user-level knowledge and experience with personal computer software and hardware to present fundamental skills and concepts that are used in a remote technical support position. Prerequisite: CGS 1061C, CET 1600C or Instructor’s Approval. (TR)

CTS 1940 NETWORK SECURITY INTERNSHIP
1-4 cr. hrs.
Internship training directly related to your academic major-career objectives. Prerequisite: Instructor’s Approval. (TR)

CTS 2142 IT PROJECT MANAGEMENT
2 cr. hrs.
This course is an introduction to the techniques, skills and tools required to ensure the success of information technology projects. This course will prepare you for the CompTIA Project+ industry certification and may be a requirement for successful completion. Prerequisite: CGS 1061C, CET 1600C or Instructor’s Approval. Lab Fee. (TR)

CTS 2210 INTRODUCTION TO DIGITAL GRAPHICS
3 cr. hrs.
This course provides you with the technical skills required to create effective digital documents and elements which incorporate graphics, layouts, photographs, and illustrations in the business and organizational environment. You will become proficient in the use of industry-standard digital design software with a focus on raster graphics applications. You will also be introduced to fundamental principles of color management, layout, photographic correction and enhancement, typography, and text/graphic integration. Prerequisite: CGS 1100C or Instructor’s Approval. Offered at the Highlands Campus. Lab Fee. (TR)

DEA 0025 PRECLINICAL ORIENTATION I
40 con. hrs. 1.3 occ. crs.
This course introduces you to the practice of dental assisting. Topics covered in detail are history of dental assisting, professional dental assistant, and the role of the dental health care team. Communicating in the dental office, establishing patient rapport, and working with different patient groups will also be covered. Content on fixed and removable appliances, implants, oral rehabilitation, and oral piercings will be covered. Prerequisite: Program admission. Corequisite: DEA 0025L. (CH)
DEA 0025L PRECLINICAL ORIENTATION I LAB  
30 con. hrs.  1 occ. cr.  
Preclinical Orientation I Lab provides you with the principles and application of dental assistant procedures. Laboratory topics will acquaint you with the scope of the dental assistant profession and provide you with a perspective role on being an integral part of the dental team. This course will introduce you to the practice of dental assisting. All topics discussed in the companion didactic course will be demonstrated and practiced. Topics included are disease transmission and infection control, principles and techniques of instrument processing and sterilization, occupational health and safety, and chemical and waste management. Prerequisite: Program admission. Corequisite: DEA 0025. Lab Fee.  (CH)

DEA 0026 PRECLINICAL ORIENTATION II  
32 con. hrs.  1.1 occ. crs.  
Preclinical Orientation II is a continuation of Preclinical Orientation I. Course discussion will be in the dental specialty practice and content for endodontic, oral and maxillofacial surgery, dental implants, prosthodontics, periodontics, and pediatric dentistry. Prerequisite: DEA 0025. Corequisite: DEA 0026L. (CH)

DEA 0026L PRECLINICAL ORIENTATION II LAB  
30 con. hrs.  1 occ. cr.  
This course allows you to actively participate in scheduled dental procedures in the dental lab and clinic. You will partner up to give Oral Hygiene Instructions (OHI) and post-op instructions, use the velscope for oral examination of tissues, coronal polish and fluoride, and take clinical photographs for a photography portfolio. Additional time will be spent perfecting preparation for and dismissing patients. Prerequisite: DEA 0025L. Corequisite: DEA 0026. Lab Fee.  (CH)

DEA 0130 ALLIED DENTAL THEORY  
48 con. hrs.  1.6 occ. crs.  
This course is the study of those scientific areas related to the field of dentistry and will be explored in detail: nutrition, pharmacology, microbiology, oral pathology, human anatomy, and physiology. Prerequisite: DES 0844. Corequisite: DEA 0800.  (CH)

DEA 0800 CLINICAL PRACTICE I  
40 con. hrs.  1.3 occ. crs.  
This course includes discussions about the dental assistant’s role and responsibility in the community as an oral health care professional. Other topics included are the tobacco cessation, HIV/AIDS, treating physically/mentally challenged and homebound patients. The use of clinical photography, dental pulp tester, and diagnodent and velscope in dental treatments will be explored. Conduct seminar discussion of topics related to Rotation. Prerequisite: DEA 0025. Corequisite: DEA 0800L.  (CH)

DEA 0800L CLINICAL PRACTICE I LAB  
216 con. hrs.  7.2 occ. crs.  
This course is a continuation of Preclinical Orientation I Lab and is designed to comprehensively prepare competent individuals as a dental assistant through an internship program in a private dental practice and college dental facility. You will have additional responsibilities in the area of restorative and cosmetic dentistry, fixed and removable prosthodontics, radiography requirements, infection control, team leadership, receptionist responsibilities, patient management, and expanded functions. Prerequisite: DEA 0025L. Corequisite: DEA 0800. Lab Fee.  (CH)

DEA 0801 CLINICAL PRACTICE II  
24 con. hrs.  0.8 occ. crs.  
This course is a continuation of Clinical Practice I and is designed to provide you with an opportunity to discuss clinical procedures. Experiences received in the clinical assignments are to comprehensively prepare you as a dental assistant. Prerequisite: DEA 0800. Corequisite: DEA 0801L.  (CH)

DEA 0801L CLINICAL PRACTICE II LAB  
246 con. hrs.  8.2 occ. crs.  
This course is a continuation of Clinical Practice I Lab and is designed to continue to comprehensively prepare you as a dental assistant through an internship program in a private dental practice. Prerequisite: DEA 0800L. Corequisite: DEA 0801. Lab Fee.  (CH)

DEA 0931 ORTHODONTICS FOR DENTAL AUXILIARY  
16 con. hrs.  0.53 occ. crs.  
This course includes instruction on the history of orthodontics, malocclusion, orthodontic vocabulary, photographs, bracket slot, wires, tooth movement, and all phases of bonding wires, headgear, and retainer finishing. This course includes taking the State Expanded Functions Orthodontics Examination. This course is required for completion of the Dental Assistant Program. Prerequisite: DES 0830. Corequisite: DES 0501. Lab Fee.  (CH)

DEH 1002 INTRODUCTION TO DENTAL HYGIENE  
2 cr. hrs.  
Introduction to Dental Hygiene introduces you to the theory and practical skills necessary for basic instrumentation. The course includes extensive infection control instruction, hazardous waste management, instrument sterilization methods, ergonomics, ethics, introduction to HIPAA regulations, communication skills, patient assessment, and dental charting. Prerequisite: Program admission. Corequisite: DEH 1002L.  (TR)

DEH 1002L DENTAL HYGIENE PRE-CLINIC  
2 cr. hrs.  
Dental Hygiene Pre-Clinic introduces you to the theory and practical lab skills necessary for basic instrumentation. Pre-clinical sessions include instruction in utilizing dental hygiene instruments and demonstrations in entry-level proficiency. You will be instructed in and be required to demonstrate proper ergonomic positioning, aseptic techniques, cleaning and disinfection procedures, and maintenance and care of equipment and instruments. Other topics include proper technique in obtaining and recording vital signs and dental charting documentation. Prerequisite: Program admission. Corequisite: DEH 1002. Lab Fee.  (TR)
DEH 1130 ORAL EMBRYOLOGY AND HISTOLOGY 2 cr. hrs.
Oral embryology and histology is a comprehensive study of the embryonic, fetal, and postnatal development, and microanatomy of the cells and tissues that comprise the head, neck, and oral cavity. Lecture topics include development and histology of the structures of the head, neck, and oral cavity; development and histology of teeth; development and histology of the tooth supporting structures; and development and histology of crofacial structures. Laboratory experience will focus on examination and identification of microscopic tissue samples. Prerequisite: DES 1200. Corequisites: DES 1100. (TR)

DEH 1600 MEDICAL EMERGENCIES 2 cr. hrs.
Medical Emergencies deals with the need to recognize the total health status of the dental patient, as well as the desirability of anticipating and preventing the development of emergency situations in the dental office. Once an emergency occurs, the dental auxiliary must be able to recognize and assist with the management of such emergencies. The relationship of health and medical histories will be emphasized in the context of preventing emergencies from occurring. Prerequisite: DEH 1002. Lab Fee. (TR)

DEH 1800 DENTAL HYGIENE THEORY I 2 cr. hrs.
Dental Hygiene Theory I is a continuation of the theory and practical skills necessary for patient treatment. Topics include data collection and documentation, effective patient communication skills, principles for the prevention of oral disease, theory for scaling and coronal polishing, application of preventative agents, and oral home care instructions. Prerequisite: DEH 1002. Corequisite: DEH 1800L. (TR)

DEH 1800L DENTAL HYGIENE CLINIC I 3 cr. hrs.
Dental Hygiene Clinic I is the first term for direct patient care. You will apply practical skills in a clinical setting including the prevention of oral disease, data collection, prophylaxis, application of preventative agents, and oral home care instructions. You will be required to successfully complete clinical processes pertaining to clinical procedures as well as a mandatory number of patients according to degree of difficulty. Prerequisite: DEH 1002L. Corequisite: DEH 1800. Lab Fee. (TR)

DEH 1802 DENTAL HYGIENE THEORY II 2 cr. hrs.
Dental Hygiene Theory II is a continuation of the development, theory, and practice of patient care with a focus on modifications for treatment of patients with special needs. Topics covered will include treatment needs of HIV/AIDS individuals, wheelchair transfers, alcohol and drug abuse, vision and hearing disabilities, cardiovascular disease, the diabetic and pregnant patients. Additional special needs groups will be presented and/or studied online. Prerequisite: DEH 1800. Corequisite: DEH 1802L. (TR)

DEH 1802L DENTAL HYGIENE CLINIC II 3 cr. hrs.
Dental Hygiene Clinic II is a continuation of DEH 1800L. You will apply the clinical activities for the prevention of oral disease, including patient assessment, taking radiographs, treatment planning, scaling and debridement of soft and hard deposits, coronal polishing, application of preventive agents, and provide oral home care instructions. Emphasis will be placed on treating special needs patient groups and maintaining patient records using DENTRIX dental software. You will be required to successfully complete a number of procedures. Prerequisite: DEH 1800L. Corequisite: DEH 1802. Lab Fee. (TR)

DEH 2300 PHARMACOLOGY AND PAIN CONTROL 3 cr. hrs.
Pharmacology and Pain Control introduces principles of basic pharmacology as they pertain to the practice of dentistry and dental hygiene. It emphasizes actions and reactions of medications commonly used in the dental office or taken by dental patients. Topics include terminology, pharmaceutical references, prescriptions and abbreviations, pharmacokinetics, drugs used in dentistry and their pharmacokinetics, drugs that may alter dental treatment and their pharmacokinetics, drugs used in dental emergencies, drug abuse, and nitrous oxide monitoring, and local anesthetics used by dental hygienists. Prerequisite: DEH 1802. Corequisite: DEH 2804. Lab Fee. (TR)

DEH 2400 GENERAL AND ORAL PATHOLOGY 3 cr. hrs.
General and oral pathology presents the principles of general pathology in relation to diseases of the teeth, soft tissue, and supporting structures of the oral cavity, as well as general pathologic conditions affecting the head and neck. Topics include terminology and diagnostic procedures, variants of normal conditions, benign conditions, inflammation and repair, caries and pulp pathologies, immune response, oral diseases with immunological pathogenesis, autoimmune diseases, infectious diseases, developmental disorders of the soft tissues and teeth, developmental cysts, neoplasia, odontogenic tumors, other tumors of oral structures, genetic syndromes, and TMJ disorders. Prerequisite: DEH 1800. Corequisite: DEH 1802. Lab Fee. (TR)

DEH 2602 PERIODONTOLOGY I 1 cr. hr.
This course provides information on the principles of periodontology pertinent to dental hygiene practice. Topics include: tissues of the periodontium, local and systemic factors associated with periodontal disease, classification of periodontal diseases, clinical features of gingivitis in health and disease, periodontal assessment components, and motivational interviewing. Prerequisite: DEH 1800. Corequisite: DEH 1802. (TR)

DEH 2604 PERIODONTOLOGY II 2 cr. hrs.
This course is a continuation of Periodontology I and provides information on the principles of periodontology pertinent
to dental hygiene practice. Topics include epidemiology of periodontal disease, disease treatment and management, drug therapy, immunology and host defense mechanisms, surgical and nonsurgical treatment, implantology and maintenance, and periodontal/endodontic emergencies. Prerequisite: DEH 2602. Corequisite: DEH 2804. (TR)

DEH 2702 COMMUNITY DENTAL HEALTH 2 cr. hrs. Community Dental Health provides you with a broad understanding of the health care system, an objective view of the significant social, political, psychological, and economic forces directing the system, and prepares you to promote oral health and prevent oral disease in a community by meeting specific dental health needs of community groups. Topics include epidemiology, community dental care assessment, community dental care provision, preventative counseling for groups, group oral health education, sociological concepts related to dentistry, biostatistics, terminology, dental care systems, and concepts of dental research. Prerequisite: DEH 2602. (TR)

DEH 2702L COMMUNITY DENTAL HEALTH LAB 1 cr. hr. Community Dental Health Lab provides you with a broad understanding of the health care system, an objective view of the significant social, political, psychological, and economic forces directing the system, and prepares you to promote oral health and prevent oral disease in a community by meeting specific dental health needs of community groups. Topics learned in lecture (epidemiology, community dental care assessment, community dental care provision, preventative counseling for groups, group oral health education, sociological concepts related to dentistry, biostatistics, terminology, dental care systems, and concepts of dental research) are all put to practical use that culminates in a major community project. You will pick a population to assess, design an oral health program, deliver instructions, and then assess effectiveness. Prerequisites: DEH 2602 and DEH 2702. Lab Fee. (TR)

DEH 2710 NUTRITIONAL AND DENTAL HEALTH 2 cr. hrs. This course presents an overview of the organic and biochemical aspects of the 6 major nutrients in our diets: carbohydrates, proteins, lipids, water, vitamins, and minerals and their digestion, absorption, and metabolism. You will also learn how nutrients function to keep a body well, and how lack of or excess of certain nutrients can cause disease. The role of nutrition in development and maintenance throughout the lifecycle will be presented, as well as the role of nutrition and its relationship to health and disease in the oral cavity. This basic nutritional knowledge will then be incorporated into learning the skill of dietary assessment, counseling and intervention in the clinical setting. Prerequisites: DEH 1802 and DEH 2300. (TR)

DEH 2804 DENTAL HYGIENE THEORY III 2 cr. hrs. Dental Hygiene Theory III is a continuation of DEH 1802. You will apply the principles and demonstrate improved patient care skills for the prevention of oral disease, including patient assessment, treatment planning, periodontal debridement, ultrasonics and air polisher, oral photography, oral irritation and antimicrobial agents, topical nemethic, hypersensitivity and desensitization, patient education involving the internet, advanced instrumentation and alternate fulcruming techniques, diagnodent, and advanced instrument sharpening procedures. This course offers didactic instruction as well as the applied techniques. Prerequisite: DEH 1802. Corequisite: DEH 2804L Lab Fee. (TR)

DEH 2804L DENTAL HYGIENE CLINIC III 4 cr. hrs. Dental Hygiene Clinic III is a continuation of DEH 1802L. You will demonstrate ability to synthesize and conceptualize all knowledge and theory skills previously learned and utilize these skills to provide direct patient services at the entry-level proficiency required of a licensed dental hygienist. Patients treated will be at a higher level of difficulty than previous clinics. Responsibilities in expanded functions will be practiced and performed to clinical competence on patients including application of pit and fissure sealants, use of ultrasonic/sonic, air polisher, correlations of radiographs, root planning, and taking impressions for study models. Local anesthetic lab will provide the student with the skills needed to effectively and safely administer local anesthetic via injection to patients who require it. Prerequisite: DEH 1802L Corequisite: DEH 2804. Lab Fee. (TR)

DEH 2806 PROFESSIONAL DEVELOPMENT AND ETHICAL PRINCIPLES 2 cr. hrs. Professional Development and Ethical Principles prepare you to practice the profession of dental hygiene within established ethical standards and Florida State laws. Topics include professional development, ethics and jurisprudence with application to practice management, conflict management, State laws, resumes, interviews and legal liabilities as health care professionals. The course also covers the Code of Ethics of the American Dental Association and the Code of Ethics of the American Dental Hygienists' Association. Prerequisite: DEH 2804. Corequisite: DEH 2806L. (TR)

DEH 2806L DENTAL HYGIENE CLINIC IV 4 cr. hrs. Dental Hygiene Clinic IV is a continuation of DEH 2804. This is the fourth term of direct patient care, which emphasizes quality patient care, time management, and communication skills. You will continue to perform clinical activities for the prevention of oral disease, including patient assessment, treatment planning, scaling and debridging soft and hard deposits, use of ultrasonic and air-polisher, oral irrigation with antimicrobial agents, and oral home care instructions. You are required to successfully complete a number of advanced procedures. Prerequisite: DEH 2804L Corequisite: DEH 2806. Lab Fee. (TR)

DEH 2930 DIRECT INDEPENDENT STUDY IN DENTAL HYGIENE 1-4 cr. hrs. Selected topics centering on current interest in dental hygiene. Topics may vary from term to term. Each topic is a
course in directed study under the supervision of a faculty member. (TR)

DEP 1004 HUMAN DEVELOPMENT 3 cr. hrs.
This course includes an analysis of basic principles and application covering the physiological and psychosocial changes throughout the life cycle. Prerequisite: PSY 2012. (G.E.) (TR)

DES 0021 OROFACIAL AND DENTAL ANATOMY 48 con. hrs.  1.6 occ. crs.
Orofacial and Dental Anatomy is a detailed study of the gross anatomy of the head and neck and the external and internal morphology of the primary and permanent dentition. Emphasis is placed on structures directly affected by the practice of dentistry. Orofacial anatomy lecture topics include anatomic terminology, anatomic landmarks, the study of skeletal, muscular, nervous, respiratory, cardiovascular, lymphatic, endocrine, exocrine systems, facial spaces, and the spread of dental infections. Dental anatomy lecture topics include anatomy of the oral cavity, dental terminology, external and internal tooth anatomy, tooth nomenclature and numbering systems, individual tooth and root morphology, tooth eruption schedules, occlusion, and operative dentistry. In order to apply knowledge of head, neck, and dental anatomy to clinical dentistry, you will study anatomical models of the head, neck, oral cavity, and teeth, and extracted teeth. Prerequisite: Program admission. Corequisite: DES 0844. Lab Fee. (CH)

DES 0053 NITROUS OXIDE MONITORING 32 con. hrs.  1.1 occ. crs.
Nitrous Oxide Monitoring introduces you to the study of the pharmacology of agents used in dentistry for local anesthesia and pain control. Topics include the pharmacokinetics of local anesthetics, nonnarcotic analgesics, narcotic analgesics, sedative-hypnotics, nitrous oxide and oxygen conscious sedation (as mandated in the Florida State Administrative Code Chapter 64B-14). Prerequisite: DES 0844. Corequisite: DEA 0130. Lab Fee. (CH)

DES 0103 ELEMENTS OF DENTAL MATERIALS 30 con. hrs.  1 occ. cr.
This course covers the nomenclature, characteristics, and application of the materials used in the dental laboratory and clinical practice of dentistry. Prerequisite: DES 0804. Corequisite: DES 0103L. (CH)

DES 0103L ELEMENTS OF DENTAL MATERIALS LAB 30 con. hrs.  1 occ. cr.
This course is the lab component of Elements of Dental Materials and covers materials used in the laboratory and clinical practice of dentistry. Prerequisite: DES 0804L. Corequisite: DES 0103. Lab Fee. (CH)

DES 0205 DENTAL RADIOGRAPHIC TECHNIQUES I 32 con. hrs.  1.1 occ. crs.
In this course, you will be acquainted with the nature, physical behavior, biological effects, and methods of control, safety precautions, and the techniques for exposing, processing, and mounting radiographs. Prerequisite: Program Admission. Corequisite: DES 0205L. (CH)

DES 0205L DENTAL RADIOGRAPHIC TECHNIQUES I LAB 48 con. hrs.  1.6 occ. crs.
As a supplement to the dental radiography lecture, you will apply radiographic techniques to clinical practice, including periapical, bitewing, occlusal, and panoramic radiographs. Prerequisite: Program admission. Corequisite: DES 0205. Lab Fee. (CH)

DES 0206 DENTAL RADIOGRAPHIC TECHNIQUES II 32 con. hrs.  1.07 occ. crs.
This course is a continuation of DES 0205 and focuses on imaging theory (including extraoral and alternative techniques) and radiographic quality assurance (producing diagnostic images). Both traditional, film based radiology and digital radiography are included. You will learn about the science behind the impact of radiography on the environment and the legal and ethical responsibilities of the dental radiographer. Patient education about dental radiography and its usefulness in the diagnosis and treatment of oral disease as well as special techniques for children and special needs patients are covered. Prerequisites: DES 0205 and DES 0205L. (CH)

DES 0501 DENTAL OFFICE MANAGEMENT 48 con. hrs.  1.6 occ. crs.
This course introduces you to HIPPA guidelines, dental software (DENTRIX), telephone software, telephone techniques, appointment control, records management, accounting and business procedures associated with the dental office, inventory and purchasing control of dental office supplies, as well as written communication skills and résumé writing. Prerequisite: DES 0103. Corequisite: DEA 0801. (CH)

DES 0602 OFFICE EMERGENCIES 32 con. hrs.  1.1 occ. crs.
This course will present information in dealing with medical emergencies that may occur in the dental office/clinic. This is a dental assistant course. Prerequisite: Program admission. Corequisite: DES 0844. (CH)

DES 0804 INTRO TO CLINICAL PROCEDURES 32 con. hrs.  1.1 occ. crs.
This course introduces you to the practice of dentistry. It covers the topics of dental office equipment, dental instruments, hand pieces used in general and specialty practices, patient reception, positioning for delivery of care, instrument exchange, oral evacuation, patient information and assessment, vital signs, oral diagnosis, treatment planning, and coronal polishing. Prerequisite: Program admission. Corequisite: DES 0804L. (CH)

DES 0804L INTRO TO CLINICAL PROCEDURES LAB 48 con. hrs.  1.6 occ. crs.
This course introduces you to the practice of dentistry. You will actively participate in scheduled dental evaluations.
Head and neck anatomy lecture topics include anatomic terminology, anatomic landmarks, study of skeletal, muscular, nervous, respiratory, cardiovascular, lymphatic, endocrine, exocrine systems, facial spaces, and the spread of dental infections. Dental anatomy lecture topics include anatomy of the oral cavity, dental terminology, external and internal tooth anatomy, tooth nomenclature and numbering systems, individual tooth and root morphology, tooth eruption schedules, occlusion, and operative dentistry. You will use anatomical models of the head, neck, oral cavity, and teeth, and extracted teeth to apply didactic information in a laboratory setting, and apply knowledge of head, neck, and dental anatomy to clinical dental hygiene. Prerequisite: Program admission. Corequisite: DES 1020L. (TR)

DES 1020L OROFACIAL ANATOMY LAB 1 cr. hr. Orofacial Anatomy Lab is a detailed study of the gross anatomy of the head and neck and the external and internal morphology of the primary and permanent dentition. Emphasis is placed on structures directly affected by the practice of dentistry. Head and neck anatomy topics include anatomic terminology, anatomic landmarks, study of skeletal, muscular, nervous, respiratory, cardiovascular, lymphatic, endocrine, exocrine systems, facial spaces, and the spread of dental infections. Dental anatomy topics include anatomy of the oral cavity, dental terminology, external and internal tooth anatomy, tooth nomenclature and numbering systems, individual tooth and root morphology, tooth eruption schedules, occlusion, and operative dentistry. You will use anatomical models of the head, neck, oral cavity, and teeth, and extracted teeth to apply didactic information during laboratory, and apply knowledge of head, neck, and dental anatomy to preclinical dental hygiene. Prerequisite: Program admission. Corequisite: DES 1020. Lab Fee. (TR)

DES 1100 DENTAL MATERIALS AND EXPANDED DUTIES 2 cr. hrs. This course focuses on the nature, qualities, composition, and manipulation of materials used in dentistry. The primary goal of this course is to enhance your ability to make clinical judgments regarding the use and care of dental materials based on how these materials react in the oral environment. Lecture topics include physical properties of dental material, general handling and safety of dental materials, properties of tooth colored dental materials, metals used in constructing dental restorations, cementing, bonding, abrasion, finishing and polishing of dental restorations, dental materials used in prevention of dental disease, dental materials used in the replacement of missing teeth, dental materials used in constructing replications of oral tissues for use in constructing dental restorations and replacement of missing oral tissues, and provisional restorations created for temporary use in the treatment of oral disease. Prerequisite: DEH 1002. Corequisite: DEH 1130 and DES 1100L. (TR)

DES 1100L DENTAL MATERIALS AND EXPANDED DUTIES LAB 1 cr. hr. Dental Materials and Expanded Duties Lab focuses on the nature, qualities, composition, and manipulation of materials

...for the areas in professionalism, the dental office, patient reception and positioning for delivery of care, instrument exchange and oral evacuation, occupational health and safety, chemical and waste management, patient information and assessment, vital signs, oral diagnosis and treatment planning, and extrinsic stain removal. The history of dentistry and the dental health team will be included. Prerequisite: Program admission. Corequisite: DES 0804. Lab Fee. (CH)

DES 0830 EXPANDED FUNCTIONS I 20 con. hrs. 0.7 occ. crs. This course provides you with the knowledge to perform expanded functions permitted by the Florida State Board of Dentistry. The ethical and legal aspects of dentistry and theory behind applying sealants, making impressions for study casts, placing and removing a rubber dam and matrices, applying cavity liners, varnishes and bases, and placing or removing temporary restorations will be discussed. Prerequisite: Program admission. Corequisite: DES 0830L. (CH)

DES 0830L EXPANDED FUNCTIONS I LAB 16 con. hrs. 0.5 occ. crs. This course provides you with the knowledge to perform expanded functions permitted by the Florida State Board of Dentistry. The ethical and legal aspects of dentistry, applying sealants, making impressions for study casts, placing and removing a rubber dam and matrices, applying cavity liners, varnishes and bases, and placing or removing temporary restorations will be discussed. Prerequisite: Program admissions. Corequisite: DES 0830. Lab Fee. (CH)

DES 0831L EXPANDED FUNCTIONS II LAB 24 con. hrs. 0.8 occ. crs. Class is conducted in the dental laboratory. This course provides you with the knowledge and skill to perform expanded functions permitted by the Florida State Board of Dentistry. You will become adept at fabricating bleaching trays, night guards, custom fluoride trays, and temporary restorations. Other activities involve placing and removing periodontal dressing, suture removal, and packing osteitis dressing. Prerequisite: DES 0830L. Corequisite: Enrolled in spring program. Lab Fee. (CH)

DES 0844 PREVENTIVE DENTISTRY 36 con. hrs. 1.2 occ. crs. This course introduces you to the practice of preventive dentistry. The first six weeks are devoted to the theory and practice of infection control. The remaining 10 weeks cover the philosophy of preventive dentistry and methods of plaque control: tooth brushing, interproximal aids, and disclosing solutions. Other topics include care of dental appliances, patient education, tooth deposits, stains, and discolorations. Prerequisite: Program admission. Corequisite: DES 0021. (CH)

DES 1020 OROFACIAL ANATOMY 2 cr. hrs. Orofacial Anatomy is a detailed study of the gross anatomy of the head and neck and the external and internal morphology of the primary and permanent dentition. Emphasis is placed on structures directly affected by the practice of dentistry.
used in dentistry. The primary goal of this course is to enhance your ability to make clinical judgments regarding the use and care of dental materials based on how these materials react in the oral environment. You will have hands-on laboratory experience in manipulating dental materials and some clinical experience in manipulating materials in the oral cavity. You will apply pit and fissure sealants, take alginate impressions, and pour and trim study models. Experience in DES 1100L provides laboratory and clinical experience necessary for the you to perform expanded functions as required by, and outlined in Florida Statue Title XXXII, Chapter 466, Section 466.024, and in the Florida Administrative Code Chapter 64, Sections B5-16. 001, B5-16.002, and B5-16.006 through B5-16.010. Prerequisite: DEH 1002. Corequisites: DEH 1130 and DES 1100. (TR)

**DES 1200 DENTAL RADILOGY**  2 cr. hrs.
Dental Radiography provides the fundamental knowledge of the nature, physical behavior, and biological effects of radiation to maximize understanding of proper methods of control and safety procedures to be in exposing, processing, mounting, and interpreting diagnostic radiographs of teeth and their surrounding structures. Lecture topics include radiation physics principles, radiation biology, radiation safety, infection control, radiographic need, radiographic quality assurance, imaging theory, radiographic interpretation, principles of digital radiography, and legal issues of dental radiography. Prerequisite: Program admission. Corequisite: DES 1200L. (TR)

**DES 1200L DENTAL RADILOGY LAB**  2 cr. hrs.
Dental Radiology Lab provides the fundamental knowledge of the nature, physical behavior, and biological effects of radiation to maximize understanding of proper methods of control and safety procedures to be in exposing, processing, mounting, and interpreting diagnostic radiographs of teeth and their surrounding structures. Lab topics include radiation physics principles, radiation biology, radiation safety, infection control, radiographic need, radiographic quality assurance, imaging theory, radiographic interpretation, principles of digital radiography, and legal issues of dental radiography. Laboratory experience includes correct operation of X-ray units and digital sensors, exposing, processing, mounting, and interpreting diagnostically acceptable radiographs. Prerequisite: Program admission. Corequisite: DES 1200. Lab Fee. (TR)

**DIG 2000C DIGITAL MEDIA AND DESIGN**  3 cr. hrs.
This digital media course will provide you with advanced digital graphics skills with an emphasis on vector graphic illustration and desktop publishing applications. You will apply principles of illustration, design, layout, and typography to plan, design, and produce digital documents and elements utilized in businesses and organizations for visual communication and professional publication. Prerequisite: CTS 2210 or Instructor’s Approval. Lab Fee. (TR)

**ECO 1000 SURVEY OF ECONOMICS**  3 cr. hrs.
This course will introduce you to basic financial literacy and economic principles, which are then used to discuss contemporary social issues such as education, health care, Social Security, economic growth, and poverty. The last part of the course deals with issues of macroeconomics, including unemployment, inflation, government policy, and international trade. (G.E.) (TR)

**ECO 1949 CO-OP EDUCATION TRAINING ASSIGNMENT IN ECONOMICS**  1-3 cr. hrs.
A first hands-on learning activity (paid or non-paid) directly related to your academic major/career objective. (TR)

**ECO 2013 MACROECONOMICS**  3 cr. hrs.
This is a basic course in macroeconomics including principles such as national output and income, cyclical unemployment and inflation, fiscal and monetary policy, the labor market, economic growth, history of economic thought, international trade, globalization, economic growth in developing countries, and other timely subjects. (CORE) (G.E.) (TR)

**ECO 2013 HONORS MACROECONOMICS**  3 cr. hrs.
This is a basic course in macroeconomics including principles such as national output and income, cyclical unemployment and inflation, fiscal and monetary policy, the labor market, economic growth, history of economic thought, international trade, globalization, economic growth in developing countries, and other timely subjects. Course content parallels Macro-economics with additional requirements for student-led active research and discussions. (CORE) (G.E.) (TR)

**ECO 2023 MICROECONOMICS**  3 cr. hrs.
This is a basic course in microeconomics including principles such as elasticity, the production process, different market structures, externalities, public goods, income distribution and poverty, and public finance. (G.E.) (TR)

**ECO 2949 CO-OP EDUCATION TRAINING ASSIGNMENT IN ECONOMICS**  1-3 cr. hrs.
A second hands-on learning activity (paid or non-paid) directly related to your academic major/career objective. (TR)

**EDE 4223 INTEGRATED ARTS, MUSIC, AND PHYSICAL EDUCATION IN THE ELEMENTARY SCHOOL**  3 cr. hrs.
This course provides you with an opportunity to apply effective integrative lesson planning and modeling techniques to art, music and physical education in elementary schools. Corequisite: EDE 4942. (TR)

**EDE 4942 ELEMENTARY EDUCATION INTERNSHIP II**  3 cr. hrs.
In this internship, practical application in a clinical setting of knowledge is acquired in the classroom. This course requires...
16 service learning hours per week. Corequisites: EDE 4223, MAE 4326, and RED 4942. Lab Fee. (TR)

**EDE 4943 ELEMENTARY EDUCATION INTERNSHIP III**

12 cr. hrs.
In this internship, practical application in a clinical setting of knowledge is acquired in the classroom. This course has a culminating experience and requires 40 service learning hours per week. You must apply and be approved for Internship II. Prerequisites: EDE 4942, EDF 4603, EDG 3410, and RED 3519. (TR)

**EDF 1005 INTRODUCTION TO THE TEACHING PROFESSION**

3 cr. hrs.
This is a survey course including historical, sociological, and philosophical foundations of education, governance and finance of education, educational policies, legal, moral, and ethical issues and the professionalism of teaching. You are required to complete 15 hours of field based experience with children and youth in schools or similar settings. (TR)

**EDF 1961 SCIENCE TEST PREP FOR FTCE/TEAS**

1 cr. hr.
In this single-term course, you will review the skills that are tested on the Science portion of the FTCE/TEAS exams. You must earn a P (Pass) in this course in order to earn college credit. (TR)

**EDF 1962 SOCIAL STUDIES TEST PREP FOR FTCE**

1 cr. hr.
In this single-term course, you will review the skills that are tested on the Social Studies portion of the FTCE exam. You must earn a P (Pass) in this course in order to earn college credit. (TR)

**EDF 1963 MATH TEST PREP FOR FTCE/TEAS**

1 cr. hr.
In this single-term course, you will review the skills that are tested on the Mathematics portion of the FTCE/TEAS exams. You must earn a P (Pass) in this course in order to earn college credit. (TR)

**EDF 1968 LANGUAGE ARTS TEST PREP FOR FTCE/TEAS**

1 cr. hr.
In this single-term course, you will review the skills that are tested on the Language Arts (Reading, Writing, Grammar, and Mechanics) portion of the FTCE/TEAS exams. You must earn a P (Pass) in this course in order to earn college credit. (TR)

**EDF 2085 INTRODUCTION TO DIVERSITY FOR EDUCATORS**

3 cr. hrs.
This course provides the opportunity to explore issues of diversity, including an understanding of the influence of exceptionalities, culture, family, gender, sexual orientation, socioeconomic status, religion, language of origin, ethnicity, and age upon the educational experience. A minimum of 15 hours of field based experience working with diverse populations of children and youth in schools or similar settings is required. Lab Fee. (TR)

**EDF 2930 SPECIAL TOPICS IN EDUCATION FOUNDATIONS**

1-3 cr. hrs.
Special topics centering on current interest in education foundations. Topics may vary from term to term. (TR)

**EDF 2931 SELECTED TOPICS IN EDUCATION**

1-3 cr. hrs.
Selected topics centering on current or special interest in education. Topics may vary from term to term. (TR)

**EDF 3467 LEARNING THEORY AND ASSESSMENT**

3 cr. hrs.
You will apply theory and assessment principles to classroom teaching situations, with emphasis on behavior, cognition, motivation, and assessment. This course is designed for juniors who plan to receive credentials to become classroom teachers. Prerequisite: Program Admission. (TR)

**EDF 4603 ANALYSIS AND APPLICATION OF ETHICAL, LEGAL, AND SAFETY ISSUES IN SCHOOLS**

3 cr. hrs.
Course will cover critical analysis of contemporary educational issues including ethical, safety, legal, cultural and linguistic considerations which directly impact schooling and democracy. (TR)

**EDG 1949 CO-OP EDUCATION TRAINING ASSIGNMENT IN EDUCATION**

1-3 cr. hrs.
A first hands-on learning activity (paid or non-paid) directly related to your academic major/career objective. (TR)

**EDG 2043 EDUCATION OVERSEAS STUDY**

1-3 cr. hrs.
Through travel and college-level assignments, students in this education course will fulfill a curriculum specifically designed to study issues of the educational system and practice of the destination country. Such issues could be put in a global context, in a comparative format, or in another framework and could include such educational concepts as classroom management, finance, students with special needs, socialization, class, race and ethnicity, and curriculum development and change, historical movements, and legal policies. (TR)

**EDG 2905 DIRECTED INDEPENDENT STUDY IN EDUCATION**

1-3 cr. hrs.
An independent study in education taught under the direction of a faculty member. Topics vary and are usually selected on an individual basis. (TR)

**EDG 2949 CO-OP EDUCATION TRAINING ASSIGNMENT IN EDUCATION**

1-3 cr. hrs.
A second hands-on learning activity (paid or non-paid) directly related to your academic major/career objective. (TR)
EDG 3442  TEACHING STRATEGIES AND CLASSROOM MANAGEMENT  3 cr. hrs.
This course will provide you with the basic skills of classroom discipline designed to equip you as a pre-service teacher with strategies for managing regular and exceptional learners, the environment, and academic tasks so you will have opportunities for psychological and cognitive growth. Prerequisite: Program Admission. (TR)

EER 0940  INTERNSHIP IN ELECTRONIC TECHNOLOGY  60-420 con. hrs.  2-14 occ. crs.
Internship educational training directly related to your major/ career objectives. (CH)

EER 2930  SELECTED TOPICS IN ELECTRONICS ENGINEERING TECHNOLOGY  1-4 cr. hrs.
Selected topics centering on current interest in electronics engineering technology. Topics may vary from term to term. Each topic is a course in directed study under the supervision of a faculty member. (TR)

EET 1015C  ELECTRONICS I  4 cr. hrs.
Basic concepts of electricity. Topics covered are charge, current flow, potential difference, resistance, Ohm's Law, series and parallel circuits, Kirchhoff's Law, Thevenin's Theorem, Norton's Theorem, the Super Position Theorem, the use of DC measuring instruments, alternating current, and the 60 HZ power line. Laboratory experiments are used to verify all concepts instructed. Pre- or Corequisites: MAC 1105 or Instructor's Approval. Lab Fee. (TR)

EET 1025C  ELECTRONICS II  4 cr. hrs.
Alternating current concepts and circuits. Topics covered are inductance, capacitance, and their effect in AC circuits; time constants; RL, RC, and RLC circuits; complex numbers; vectors; phasors; resonance and filters studied for both sinusoidal and non-sinusoidal applications; two terminal active devices; rectifiers; and bipolar transistors. Lab experiments are used to verify all concepts studied. Prerequisite: EET 1015C. Pre- or Corequisite: MAC 1114 or Instructor's Approval. Lab Fee. (TR)

EET 1084C  INTRODUCTION TO ELECTRICITY AND ELECTRONICS  3 cr. hrs.
This course covers basic safety practices for electrical systems and knowledge of voltage, current and power in AC and DC circuits, circuit analysis of series and parallel loads; basic understanding of resistors, capacitors, inductors, and transformers. (TR)

EET 1141C  INTRODUCTION TO SOLID STATE DEVICES  4 cr. hrs.
Semiconductor devices; properties of semiconductor material, measurement and analysis of P-N diodes characteristics, measurement of characteristics of special diodes, including tunnel rectifier zener, varactor, bipolar transistors, field effect transistors, thyristors, op amps, and opto-electronic devices. Prerequisite: EET 1025C. Lab Fee. (TR)

EET 1142C  ELECTRONICS III  4 cr. hrs.
A study of subsystems for linear/analog electronics. The subsystem classifications are amplifiers, signal controlled switches, and special functions. Topics of study involve discrete and integrated circuit types, circuit examples include amplifiers, comparators, PNPN switches, oscillators, voltage regulators, signal shaping, and timing functions. Lab experimentation verifies all concepts presented. Prerequisites: EET 1025C and ENC 1101. Lab Fee. (TR)

EET 1605C  ELECTRONIC FABRICATION TECHNIQUES  3 cr. hrs.
Basic skills in the drawing and use of circuit diagrams, small hand tools (power and non-power), and special tools commonly used in the fabrication and packaging of electronic equipment. Offered on Highlands Campus summer term. Lab Fee. (TR)

EET 2325C  ELECTRONIC COMMUNICATIONS  4 cr. hrs.
This course discusses the communication process as a system. Topics covered include transmitters, receivers, and mediums of transfer. Specific items include the study of AM and FM radio, microwave, and laser technology principles. Lab work involves the verification of principles using commercial hardware. Prerequisite: EET 1142C. Lab Fee. (TR)

EET 2905  SPECIAL TOPICS IN ELECTRONICS ENGINEERING TECHNOLOGY  1-4 cr. hrs.
Special topics centering on current interest in electronics engineering technology. Topics may vary from term to term. (TR)

EET 2915  INTERNSHIP IN BIOMEDICAL ELECTRONICS ENGINEERING SYSTEMS  1-13 cr. hrs.
Internship educational training directly related to your major/career objectives. Lab Fee. (TR)

EET 2949  CO-OP EDUCATION TRAINING ASSIGNMENT IN ELECTRONICS ENGINEERING  1-4 cr. hrs.
Cooperative in education training directly related to your academic major/career objectives. (TR)

EEV 0540  INTRODUCTION TO PC SOFTWARE  60 cont. hrs.  2 occ. crs.
This course provides a thorough entry-level approach to installation, configuration and troubleshooting computer operating systems. Emphasis is placed upon hands-on techniques thereby enhancing your laboratory experience and learning outcomes. In addition to providing applicable skills and knowledge, the course is structured to track and provide a study aide for CompTIA's A+ Certification Exams. Obtaining A+ Certification is a positive achievement for anyone seeking a career in computer or IT related fields. The course begins with a general overview of the boot process, investigating how software and hardware actually interface within a computer, then proceeds to installation, configuration and troubleshooting of various Windows
EEV 0540L INTRODUCTION TO PC SOFTWARE LAB  
30-240 cont. hrs.  1.6-8 occ. crs.  
This lab provides you with hands-on experience in installation, configuration and troubleshooting computer operating systems. Emphasis is placed upon hands-on techniques thereby enhancing your laboratory experience and learning outcomes. Corequisite: EEV 0540.  (CH)

EEV 0546 MS WINDOWS OPERATING SYSTEM (SERVER)  
60 con. hrs.  2 occ. crs.  
This course is designed to train you in the information technology field and to design, implement, and support a Windows Server-based network. The curriculum is designed to train you and support professionals in all the skills needed to install, configure, customize, optimize, network, integrate, and troubleshoot a Microsoft® Windows Server. Completion of this course will prepare you to take the current Microsoft Certification Exam for Microsoft Windows Server. Corequisite: EEV 0546L. Lab Fee.  (CH)

EEV 0546L MS WINDOWS OPERATING SYSTEM (SERVER) LAB  
48-180 con. hrs.  1.6-6 occ. crs.  
This laboratory course is designed to assist you in the information technology field and to practice designing, installing, and supporting a Windows Server-based network. The lab work is designed to give you skills needed to configure, customize, optimize, network, integrate, and troubleshoot a Microsoft Windows Server installation. Completion of the lab will provide you with the skills necessary to take the current Microsoft Certification Exam for Microsoft Windows Server Administrator. Corequisite: EEV 0546.  (CH)

EEV 0547 MS WINDOWS OPERATING SYSTEM (WORKSTATION)  
60 con. hrs.  2 occ. crs.  
This course is designed to train you in the information technology field and to design, implement, and support Windows workstations. The curriculum is designed to also teach you skills needed to install, configure, customize, optimize, network, integrate, and troubleshoot Windows 2000 Professional. Completion of this course will prepare you to take Microsoft's Certification Exam for the current workstation environment. Corequisite: EEV 0547L. Lab Fee.  (CH)

EEV 0547L MS WINDOWS OPERATING SYSTEM (WORKSTATION) LAB  
48-180 con. hrs.  1.6-6 occ. crs.  
This lab is designed to prepare you in the information technology field and to manage a Windows workstation environment. The lab is also designed to give you skills needed to install, configure, customize, optimize, network, integrate, and troubleshoot Windows 7 workstations. Completion of this lab will prepare you for the practical skills needed to take and pass Microsoft's Certification Exam for the current workstation environment. Corequisite: EEV 0547.  (CH)

EEV 0548 MS WINDOWS - DIRECTORY SERVICES  
- Deleted

EEV 0548L MS WINDOWS - DIRECTORY SERVICES LAB  
- Deleted

EEV 0560 INTRODUCTION TO PC HARDWARE  
60 cont. hrs.  2 occ. crs.  
This course provides a guided opportunity for you to obtain the knowledge and skills necessary to service, repair and upgrade computers and peripherals, while emphasizing a hands-on laboratory experience. In addition to providing applicable skills and knowledge, the course is structured to track and provide a study aide for CompTIA's A+ Certification Exams. Obtaining A+ Certification is a positive achievement for anyone seeking a career in computer or IT related fields. Topics include safety practices, a detailed look at hardware components, power supplies, CMOS, CPUs, motherboards, RAM, bus architectures, hard drives, hardware installation and configuration, resolving resource conflicts, data recovery, networking, system maintenance, troubleshooting, etc. Upon completion, you will be able to safely repair and/or upgrade computer systems, identify and resolve system conflicts and optimize system performance. Corequisite: EEV 0560L Lab Fee.  (CH)

EEV 0560L INTRODUCTION TO PC HARDWARE LAB  
30-240 cont. hrs.  1-8 occ. crs.  
This lab applies knowledge necessary to service, repair and upgrade computers and peripherals, while emphasizing a hands-on laboratory experience. Corequisite: EEV 0560.  (CH)

EEV 0565 NETWORKING HARDWARE AND INFRASTRUCTURE  
60 con. hrs.  2 occ. crs.  
This course will introduce you to the basic concepts of Small Office Home Office (SOHO) networks, while emphasizing a hands-on laboratory experience. In addition to providing applicable skills and knowledge, the course is structured to track and provide a study aide for CompTIA's Network+ exam. Obtaining Network + certification is a positive achievement for seeking a career in computer or IT related fields. Topics include transmission media, network topologies, LAN infrastructure, Ethernet, Token Ring, FDDI, wireless networks, OSI model, common network protocols, network operating systems, network security, etc. You will be instructed in the selection of appropriate network cabling and connectors as well as utilization of hand tools to assemble and certify functional network cables. Laboratory scenarios will prepare you to utilize various troubleshooting utilities and tools to identify and restore network connectivity. Corequisite: EEV 0565L Lab Fee.  (CH)
EEV 0565L NETWORKING HARDWARE AND INFRA-STRUCTURE LAB
30-240 cont. hrs. 1-8 occ. crs.
This lab applies knowledge of the basic concepts of Small Office Home Office (SOHO) networks, while emphasizing a hands-on laboratory experience. Corequisite: EEV 0565. (CH)

EEV 0568C PC SERVICE - A+ CORE HARDWARE
60 con. hrs. 2 occ. crs.
This course will provide a hands-on opportunity for you to obtain the knowledge and skills necessary to service, repair and upgrade computers and peripherals in preparation for the CompTIA A+ Core Hardware exam. Topics include safety practices, a detailed look at hardware components, power supplies, CMOS, CPUs, motherboards, bus architectures, disk subsystems, hardware installation and configuration, resolving resource conflicts, data recovery, networking, system maintenance and troubleshooting, and other related topics. Upon completion, you should be able to safely repair and/or upgrade computer systems, identify and resolve system conflicts and optimize system performance. Corequisite: EEV 0568L. Lab Fee. (CH)

EEV 0568L PC SERVICE - A+ CORE HARDWARE LAB
48-180 con. hrs. 1.6-6 occ. crs.
This lab prepares you to obtain the knowledge and skills necessary to service, repair and upgrade computers and peripherals in preparation for the CompTIA A+ Core Hardware exam. Corequisite: EEV 0568C. (CH)

EEV 0569C PC SERVICE - A+ OS TECHNOLOGIES
60 con. hrs. 2 occ. crs.
This course provides a thorough, step-by-step process for learning the fundamentals of supporting and troubleshooting computer operating systems, thereby, better preparing you to pass the CompTIA A+ Operating System Technologies exam. Topics include how the boot process works, software and hardware interactions, operating system and software support and troubleshooting, supporting and troubleshooting operating systems and software on a network, peripheral installations, device conflict resolution, how to configure printers, modems, networking components and multimedia devices. In a hands-on learning environment, you will learn installation procedures for various operating systems, use FDISK, format, delpart and various other utilities, create and use emergency boot diskettes, install and uninstall devices, perform backups, manage system files, troubleshoot operating system errors, configure networks, configure internet access and manage printers and other peripherals. Corequisite: EEV 0569L. Lab Fee. (CH)

EEV 0569L PC SERVICE - A+ OS TECHNOLOGIES LAB
48-180 con. hrs. 1.6-6 occ. crs.
This lab gives a practical step-by-step process for applying the fundamentals of supporting and troubleshooting computer operating systems and better preparing you to pass the CompTIA A+ Operating System Technologies Exam. Corequisite: EEV 0569C. (CH)

EEV 0570 NETWORK SUPPORT SERVICES I
60 con. hrs. 2 occ. crs.
This course teaches important fundamentals of computer networking and communications. You will study networking terminology, hardware componentry, Local Area Networking (LAN/WAN) concepts and design, IP addressing and subnet masking, cabling techniques, network topologies and the Open Systems Interconnection (OSI) model of layered network communications. Corequisite: EEV 0570L. Lab Fee. (CH)

EEV 0570L NETWORK SUPPORT SERVICES I LAB
48-180 con. hrs. 1.6-6 occ. crs.
This lab will allow you while in the Cisco® fundamentals course to apply your knowledge of networking and communications. You will employ and develop skills in hardware componentry, Local Area Networking (LAN) concepts and design, IP addressing and subnet masking, cabling techniques, network topologies and the Open Systems Interconnection (OSI) model of layered network communications. Prerequisite: Instructor's Approval. Corequisite: EEV 0570 or Instructor's Approval. (CH)

EEV 0571 NETWORK SUPPORT SERVICES II
60 con. hrs. 2 occ. crs.
This course extends the concepts from Network Support Services I. Study and lab work will center on networking, networking terminology and protocols, standards, LANs, WANs, OSI modeling, Ethernet and Token Ring topologies, Fiber Distributed Data Interface (FDDI), TCP/IP addressing, dynamic routing, routing, and the network administrator's role and function. Particular emphasis will be given to the use of decision-making and problem-solving techniques in applying science, mathematics, communications and social studies concepts to solve networking problems. In addition, instruction and training are provided in the proper care, safety, maintenance and use of networking software, tools, equipment and all local, State and federal safety, building and environment codes and regulations. Prerequisite: EEV 0570. Corequisite: EEV 0571L. Lab Fee. (CH)

EEV 0571L NETWORK SUPPORT SERVICES II LAB
48-180 con. hrs. 1.6-6 occ. crs.
This lab extends the application skills developed from Network Support Services I lab. Lab work will center on network connectivity, configuration of protocols using standards for LANs, Ethernet topologies, TCP/IP addressing, dynamic routing, routing, and the network administrator’s role and function. Particular emphasis will be given to the use of problem-solving techniques in applying science, mathematics, communications and troubleshooting methods to solve networking problems. In addition, practice is provided in the proper care, safety, maintenance and use of networking software, tools, equipment and all local, State and federal safety, building and environment codes and regulations. Prerequisite: EEV 0570L. Corequisite: EEV 0571. (CH)
EEV 0572  NETWORK SUPPORT SERVICES III

60 con. hrs.  2 occ. crs.

This course extends the concepts from Network Support Services I and II. Study and lab work will center on building, configuring and troubleshooting and Ethernet TCP/IP LAN which includes hosts, hubs, routers, switches and all necessary cabling, as well as the configuration of switches to create a Virtual LAN (VLAN), developing an IP address scheme for WANs and LANs, configuring networks to run RIP and IGRP, configuring standard and extended access lists on router interfaces and configuring and monitoring Novell IPX routing. Prerequisites: EEV 0570 and EEV 0571. Corequisite: EEV 0572L. Lab Fee. (CH)

EEV 0572L  NETWORK SUPPORT SERVICES III LAB

48-180 con. hrs.  1.6-6 occ. crs.

This laboratory extends the competencies developed in Network Support Services I and II labs. Lab work will center on building, configuring and troubleshooting and Ethernet LANs and includes hosts, routers, switches and all necessary cabling. Further lab work will cover configuration of switches to incorporate Virtual LANs (VLANs), Virtual Trunking (VTP), Inter-VLAN routing, plus wireless routers, hosts, and access point connectivity, configuration, and troubleshooting. Prerequisite: EEV 0571L. Corequisite: EEV 0572. (CH)

EEV 0573  NETWORK SUPPORT SERVICES IV

60 con. hrs.  2 occ. crs.

This course extends the concepts from Network Support Services I, II and III. Study and lab work will center on the identification and use of WAN-related router commands, configuring routers to implement basic District WAN functions, configuring and verifying PPP, ISDN and Frame Relay on the routers, and complete preparations for passing the skills-based CCNA Exam. Prerequisites: EEV 0570, EEV 0571, and EEV 0572. Corequisite: EEV 0573L. Lab Fee. (CH)

EEV 0573L  NETWORK SUPPORT SERVICES IV LAB

48-180 con. hrs.  1.6-6 occ. crs.

This laboratory extends the practical skills and competencies practiced in Network Support Services I, II and III labs. Lab work will center on the configuration, testing and troubleshooting of WAN-related routing protocol commands, configuring routers to implement basic District WAN functions, configuring and verifying PPP, and Frame Relay on the routers. You will practice the implementation of network security including the use of Access Control Lists (ACLs). You will learn to install, test and troubleshoot Dynamic Host Configuration Protocol (DHCP) and Network Address Translation (NAT) and gain valuable practice in network troubleshooting through a series of challenge labs that exercise all the skills developed over the course of four terms of CCNA studies. Prerequisite: EEV 0572L. Corequisite: EEV 0573. (CH)

EEV 0596  NETWORK SECURITY SERVICES I

60 con. hrs.  2 occ. crs.

Network Security Services I will teach you to design and apply security solutions to reduce the risk of revenue loss and data vulnerability. It is an introduction to network security and the overall security processes. There will be emphasis on practical security policy design and management; security technologies, products and solutions; firewall and secure router design, installation, configuration and maintenance; and AAA and VPN implementation using routers. This course will prepare you for the CompTIA Security+ exam and the Implementing Cisco IOS Network Security (IINS) certification exam (640-553). This course will help you to be prepared for work as a network security designer, network administrator, network installation and repair technician, or network analyst. Prerequisites: EEV 0573, CCNA Certification, or Instructor’s Approval. Corequisite: EEV 0596L. Lab Fee. (CH)

EEV 0596L  NETWORK SECURITY SERVICES I LAB

48-180 con. hrs.  1.6-6 occ. crs.

The Network Security Services Lab provides you with the chance to apply the security skills needed to reduce the risk of revenue loss and data vulnerability. It also provides you with sophisticated techniques to implement network security and practice working with the overall security process. There will be emphasis on demonstration of security policy design and management applications; security configuration, enabling firewall and secure router methodologies, performing the installation, configuration and maintenance to enhance security; and the techniques needed to establish effective AAA and VPN services on Cisco® routers. Prerequisites: EEV 0573L, CCNA Certification, or Instructor’s Approval. Corequisite: EEV 0596 or Instructor’s Approval. (CH)

EEV 0597  NETWORK SECURITY SERVICES II

60 con. hrs.  2 occ. crs.

Network Security Services II will teach you to design and apply more advanced security solutions to reduce the risk of revenue loss and data vulnerability. It is intermediate network security course and it extends your ability to manage and maintain overall security procedures. There will be emphasis on practical security policy design and management; security technologies, products and solutions; intermediate firewall and secure router design, installation, configuration and maintenance; and AAA and VPN implementation using routers and firewalls. This course will prepare you to take the MCNS (Managing Cisco Network Security), the CSPFA (Cisco Secure PIX Firewall Advanced), and the CompTIA Security+ exams. Completing the CCNA training and this course will prepare you for work as a Network Security Designer, Network Administrator, Network Installation and Repair Technician, and Network Analyst. Prerequisite: EEV 0596. Corequisite: EEV 0597L. Lab Fee. (CH)

EEV 0597L  NETWORK SECURITY SERVICES II LAB

48-180 con. hrs.  1.6-6 occ. crs.

This lab will prepare you to design and apply more advanced security solutions to reduce the risk of revenue loss and data vulnerability. It is intermediate network security lab and it extends your ability to manage and maintain overall security procedures. There will be emphasis on practical security policy design and management; security technologies, products and solutions; intermediate firewall and secure router design,
installation, configuration and maintenance; and AAA and VPN implementation using routers and firewalls. This lab will also help you to prepare for the MCNS (Managing Cisco Network Security), the CSPFA (Cisco Secure ASA Firewall Advanced), and the CompTIA Security+ exams. Completing the CCNA training and this lab will prepare you to work as a Network Security Designer, Network Administrator, Network Installation and Repair Technician, and Network Analyst. Prerequisite: EEV 0596L or Instructor’s Approval. Corequisite: EEV 0597 or Instructor’s Approval. (CH)

EEV 0598 NETWORKING SOFTWARE, SECURITY AND ADMINISTRATION
60 cont. hrs. 2 occ. crs.
This course will introduce you to the basic concepts of network software, security and administration, while emphasizing a hands-on network management laboratory experience. In addition to providing applicable skills and knowledge, the course is structured to track and provide a study aide for CompTIA’s Network+ and Security+ exams. Obtaining various field certifications are a positive achievement for anyone seeking a career in computer or IT related fields. Topics include, network topologies, physical and infrastructure security, wired and wireless security, common network protocols, network operating systems, servers and data storage, intrusion detection systems, attacks, malicious software, disaster recovery, risk and privilege management, and computer forensics. Corequisite: EEV 0598L. Lab Fee. (CH)

EEV 0598L NETWORKING SOFTWARE, SECURITY AND ADMINISTRATION LAB
30-240 cont. hrs. 1-8 occ. crs.
This lab applies knowledge of the basic concepts of network software, security and administration, while emphasizing a hands-on network management laboratory experience. Corequisite: EEV 0598. (CH)

EEV 0684 WIRELESS NETWORK SERVICES I - Deleted

EEV 0684L WIRELESS NETWORK SERVICES I LAB - Deleted

EEV 0811C DC CIRCUITS 60 cont. hrs. 2 occ. crs.
Basic theory of electricity, DC circuits, electrical components, and test equipment. Corequisite: EEV 0811L. Lab Fee. (CH)

EEV 0811L DC CIRCUITS LAB
30-240 cont. hrs. 1-8 occ. crs.
This lab applies knowledge of basic electricity, DC circuits, electrical components, and test equipment. Corequisite: EEV 0811C. (CH)

EEV 0812C AC CIRCUITS 60 cont. hrs. 2 occ. crs.
Instruction of AC electronics through problem solving, use of circuit diagrams, and schematics. Corequisite: EEV 0812L. Lab Fee. (CH)

EEV 0812L AC CIRCUITS LAB
30-240 cont. hrs. 1-8 occ. crs.
This lab applies knowledge of AC electronics through problem solving, use of circuit diagrams, and schematics. Corequisite: EEV 0812C. (CH)

EEV 0813C SOLID STATE DEVICES
60 cont. hrs. 2 occ. crs.
Instruction in semiconductor and circuits; properties of semiconductor material, measurement and analysis of P-N diodes characteristics, analysis and measurement of characteristics of special diodes, including tunnel rectifier zener, varactor. Corequisite: EEV 0813L. Lab Fee. (CH)

EEV 0813L SOLID STATE DEVICES LAB
30-240 cont. hrs. 1-8 occ. crs.
This lab applies knowledge of semiconductor and circuits; properties of semiconductor material, measurement and analysis of P-N diodes characteristics, analysis and measurement of characteristics of special diodes, including tunnel rectifier zener, varactor. Corequisite: EEV 0813C. (CH)

EEV 0814C ANALOG CIRCUITS
60 cont. hrs. 2 occ. crs.
Techniques of analyzing and troubleshooting amplifiers, power supplies, oscillators, OP amps, and filters. Prerequisite: EEV 0812C or Instructor’s Approval. Corequisite: EEV 0814L. Lab Fee. (CH)

EEV 0814L ANALOG CIRCUITS LAB
30-240 cont. hrs. 1-8 occ. crs.
This lab applies knowledge of analyzing and troubleshooting amplifiers, power supplies, oscillators, OP amps, and filters. Corequisite: EEV 0814C. (CH)

EEV 0815C DIGITAL DEVICES 60 cont. hrs. 2 occ. crs.
An introduction to digital electronics, logic circuits, Boolean algebra, and digital subsystems. Prerequisite: EEV 0814C. Corequisite: EEV 0815L. Lab Fee. (CH)

EEV 0815L DIGITAL DEVICES LAB
30-240 cont. hrs. 1-8 occ. crs.
This lab applies knowledge of digital electronics, logic circuits, Boolean algebra, and digital subsystems. Corequisite: EEV 0815C. (CH)

EEV 0816C MICROPROCESSORS
60 cont. hrs. 2 occ. crs.
Advanced digital electronics and analysis and servicing of microprocessors and minicomputers. Prerequisite: EEV 0815C or Instructor’s Approval. Corequisite: EEV 0816L. Lab Fee. (CH)

EEV 0816L MICROPROCESSORS LAB
30-240 cont. hrs. 1-8 occ. crs.
This lab applies knowledge of advanced digital electronics and analysis and servicing of microprocessors and minicomputers. Corequisite: EEV 0816C. (CH)
EEX 3034 INTRODUCTION TO EXCEPTIONAL STUDENT EDUCATION 1-2 cr. hrs.
This course is designed to introduce K-12 inclusive educators to the characteristics, evaluation and identification of students with exceptionalities. This course examines current issues, litigation, education reform, strategies and interventions in working with students with disabilities, their families and other professionals. This one credit hour course fulfills the teacher recertification requirements under Senate Bill 1108. (TR)

EEX 3070 TEACHING EXCEPTIONAL STUDENTS 3 cr. hrs.
This course is designed to prepare future educators for teaching in inclusive classrooms. This course will provide you with basic identification techniques and strategies to promote academic and social integration and interaction of "mainstreamed" exceptional students (inclusion students). You will learn about the characteristics, evaluation and identification of students with exceptionalities. You will also examine current issues in exceptional student education, litigation, education reform, strategies and interventions in working with students with disabilities, their families and other professionals. (TR)

EGN 1949 CO-OP EDUCATION TRAINING ASSIGNMENT IN ENGINEERING 1-3 cr. hrs.
A first hands-on learning activity (paid or non-paid) directly related to your academic major/career objective. (TR)

EGN 2949 CO-OP EDUCATION TRAINING ASSIGNMENT IN ENGINEERING 1-3 cr. hrs.
A second hands-on learning activity (paid or non-paid) directly related to your academic major/career objective. (TR)

EIN 1940 INTERNSHIP/EXTERNSHIP IN INDUSTRIAL MANAGEMENT 1-4 cr. hrs.
Internship/Externship educational training directly related to your major/career objectives. You will complete the required hours in the field under the guidance of an instructor and the supervision of a designated professional. (TR)

EME 2040 INTRODUCTION TO TECHNOLOGY FOR EDUCATORS 3 cr. hrs.
This course will provide an application of instructional design principles for the use of technology to enhance the quality of teaching and learning in the classroom. The course includes hands-on experiences with educational media, emerging technologies, and hardware, software, and peripherals for the personal computer as well as data drive decision making processes. This course will include identification of appropriate software for classroom applications, classroom procedures for integrating technologies with emphasis on legal and ethical use, and effective instructional strategies in regard to research, analysis, and demonstration of technology. Prerequisite: EDF 1005 or Instructor’s Approval. (TR)

EMS 0002 DISPATCHER: POLICE, FIRE, AND AMBULANCE 232 con. hrs. 7.7 occ. crs.
The fields of Criminal Justice and Emergency Services are essential occupations within every community. The Public Safety Telecommunication (PST) dispatcher plays an integral part in the delivery of these services as a first responder in public safety situations. This course will prepare you for civilian employment as a dispatcher for police, fire, and ambulance emergency dispatch processes. You will operate telephones, radios, and computer terminals responding to emergency and non-emergency requests for assistance. As a dispatcher, you will obtain vital information regarding the nature and location of requests to dispatch assistance as appropriate. Prerequisite: Program Admission Requirements. Lab Fee. (TR)

EMS 1010C ANATOMY FOR PARAMEDICS 3 cr. hrs.
A comprehensive course presenting basic information on structure, function of the human body. Applies principles of anatomy and physiology to show interaction of body system as they approach homeostasis. Each body system presented with emphasis on cardiovascular, respiratory, nervous system. This course meets the objectives found in the most current National Education Standards. Prerequisite: EMT Certificate. Corequisites: EMS 1600 and EMS 1600L. (TR)

EMS 1014 PARAMEDIC PREPARATORY 2 cr. hrs.
This course is the first of a three-term sequence of instruction for the Paramedic Certificate Program and meets the requirements of the most current National Education Standards. Course instruction includes the rules and responsibilities of a Paramedic within the EMS system, the value of personal wellness, medical, legal and ethical considerations, communications, pathophysiological principles, Life Span Development, illness and injury, and pharmacology. Prerequisite: EMT Certificate. Corequisite: EMS 1010C. (TR)

EMS 1051C EMERGENCY MEDICAL RESPONDER 1 cr. hr.
Emergency Medical Responder is the most basic training received for entry-level EMS personnel and Firefighters. This training includes: anatomy, patient handling, assessment and treatment of medical emergencies and traumatic injuries, operations, and disaster management. This course meets or exceeds the National Education Standards and is designed as a prerequisite to the EMT-Basic Program. Lab Fee. (TR)

EMS 1059C MEDICAL FIRST RESPONDER/HEALTH ISSUES 3 cr. hrs.
Presents the techniques needed in emergency medical situations and provides an orientation to the major types of communicable diseases, signs and symptoms of these, and transmissions methods. Also, the symptoms of food-borne illnesses and general guidelines for health observations are included. (TR)
EMS 1119  EMERGENCY MEDICAL TECHNICIAN I  7 cr. hrs.

EMS 1119L  EMERGENCY MEDICAL TECHNICIAN I LAB  4 cr. hrs.

EMS 1555  PARAMEDIC TRAUMA MANAGEMENT  2 cr. hrs.
This course is designed to provide paramedic trauma management instruction for the Paramedic Certificate Program and meets the requirements of the most current National Education Standards. Course instruction includes trauma system/mechanism of injury, hemorrhage and shock, burns, soft tissue injuries, head trauma, spinal trauma, thoracic trauma, abdominal trauma, and musculoskeletal trauma. Prerequisite: EMT Certification. Corequisites: EMS 1555L and EMS 1600. (TR)

EMS 1555L  PARAMEDIC TRAUMA MANAGEMENT LAB  1 cr. hr.
This lab covers paramedic trauma management instruction for the Paramedic Certificate Program and meets the requirements of the most current National Education Standards. Lab instruction includes trauma system/mechanism of injury, hemorrhage and shock, burns, soft tissue injuries, head trauma, spinal trauma, thoracic trauma, abdominal trauma, and musculoskeletal trauma. Prerequisite: EMT Certification. Corequisites: EMS 1555 and EMS 1600L. Lab Fee. (TR)

EMS 1600  PARAMEDIC FUNDAMENTALS  2 cr. hrs.
Course instruction includes venous access and medication administration, history taking, techniques of patient assessment, communication, documentation, and airway ventilation. Prerequisite: EMT Certificate. Corequisite: EMS 1010C and EMS 1600. Lab Fee. (TR)

EMS 1600L  PARAMEDIC FUNDAMENTALS LAB  2 cr. hrs.
This lab covers paramedic fundamentals instruction for the Paramedic Certificate Program and meets the requirements of the most current National Education Standards. Lab instruction includes venous access and medication administration, history taking, techniques of patient assessment, communication, documentation, and airway ventilation. Prerequisite: EMT Certificate. Corequisites: EMS 1600 and EMS 1687L. Lab Fee. (TR)

EMS 1616  PARAMEDIC PATIENTS WITH SPECIAL NEEDS  2 cr. hrs.
This course provides paramedic rescue emergencies instruction for the Paramedic Certificate Program and meets the requirements of the most current National Education Standards. Course instruction includes: neonates; pediatrics; geriatrics; chronic care; abuse and neglect; assessment based management. Prerequisite: EMS 1642. Corequisites: EMS 1616L and EMS 1687L. (TR)

EMS 1616L  PARAMEDIC PATIENTS WITH SPECIAL NEEDS LAB  2 cr. hrs.
This course provides paramedic rescue emergencies instruction for the Paramedic Certificate Program and meets the requirements of the most current National Education Standards. Course instruction includes: neonates; pediatrics; geriatrics; chronic care; abuse and neglect; assessment based management. Prerequisite: EMS 1642. Corequisites: EMS 1616 and EMS 1687L. Lab Fee. (TR)

EMS 1641  PARAMEDIC CLINICAL EXPERIENCE I  2 cr. hrs.
This clinical experience encompasses approximately 50 hours in a designated hospital during which you will be evaluated in the performance of the activities and procedures covered in EMS 1014, EMS 1600, and EMS 1681 during the first term of the Paramedic Program. This course meets the requirements of the most current National Education Standards. Prerequisite: EMT Certificate. Corequisite: EMS 1010C. Lab Fee. (TR)

EMS 1642  PARAMEDIC CLINICAL EXPERIENCE II  3 cr. hrs.
This clinical experience encompasses approximately 50 hours in a designated hospital during which you will be evaluated in the performance of the activities and procedures covered in courses within this term. This course meets the requirements of the most current National Education Standards. Prerequisite: EMS 1010C. Corequisite: EMS 1657. (TR)

EMS 1657  PARAMEDIC FIELD EXPERIENCE  2 cr. hrs.
This field internship experience is approximately 156 hours in length during which you will be evaluated in the performance of the activities and procedures covered in EMS 1687, as well as all other areas of instruction prior to this point in the program by Emergency Medical Services personnel and College faculty

EMS 1658  PARAMEDIC FIELD INTERNSHIP  3 cr. hrs.
This field internship experience is approximately 200 hours in length during which you will be evaluated in your performance of the activities and procedures covered in EMS 1687, as well as all other areas of instruction prior to this point in the program by Emergency Medical Services personnel and College faculty.
This course is designed to transition you from the position of Emergency Medical Technician (EMT) provider into the realm of EMS management. You will be given a brief overview of the administrative roles within the EMS profession and how those concepts relate to personal enrichment and professional advancement. (TR)

**EMS 2930 | SPECIAL TOPICS IN EMERGENCY MEDICAL TECHNOLOGY**

This course is designed to provide paramedic special considerations instruction for the Paramedic Certificate Program and meets the requirements of the most current National Education Standards. Lab instruction includes neurology, endocrinology, allergies and anaphylaxis, gastroenterology, genitourinary, toxicology, environmental, and infectious/communicable diseases. Prerequisite: EMS 1010C. Corequisites: EMS 1642 and EMS 1686. Lab Fee. (TR)

**EMS 1687 | PARAMEDIC RESCUE EMERGENCIES**

This course provides paramedic rescue emergencies instruction for the Paramedic Certificate Program and meets the requirements of the most current National Education Standards. Lab instruction includes rescue awareness and operations, assessment based management, and ambulance operations, hazardous materials, crime scene awareness, and EMS response to terrorism. Prerequisite: EMS 1681. Corequisites: EMS 1685 and EMS 1685L. (TR)

**EMS 1687L | PARAMEDIC RESCUE EMERGENCIES LAB**

This lab covers paramedic rescue emergencies instruction for the Paramedic Certificate Program and meets the requirements of the most current National Education Standards. Lab instruction includes rescue awareness and operations, assessment based management, and ambulance operations, hazardous materials, crime scene awareness, and EMS response to terrorism. Prerequisite: EMS 1642. Corequisites: EMS 1616L. Lab Fee. (TR)

**EMS 1681 | PARAMEDIC SPECIAL CONSIDERATIONS**

This course provides paramedic special considerations instruction for the Paramedic Certificate Program and meets the requirements of the most current National Education Standards. Course instruction includes patient assessment, communication, and documentation. Prerequisite: EMS 1119. Corequisites: EMS 1010C and EMS 1681L. (TR)

**EMS 1681L | PARAMEDIC SPECIAL CONSIDERATIONS LAB**

This lab covers paramedic special considerations instruction for the Paramedic Certificate Program and meets the requirements of the most current National Education Standards. Lab instruction includes patient assessment, communication, and documentation. Prerequisite: EMS 1119. Corequisites: EMS 1010C and EMS 1681. Lab Fee. (TR)

**EMS 1685 | PARAMEDIC MEDICAL EMERGENCIES**

This course is designed to provide paramedic medical emergencies instruction for the Paramedic Certificate Program and meets the requirements of the most current National Education Standards. Course instruction includes pulmonology and cardiology. Prerequisite: EMS 1010C. Corequisites: EMS 1642 and EMS 1685L. (TR)

**EMS 1685L | PARAMEDIC MEDICAL EMERGENCIES LAB**

This lab covers paramedic medical emergencies instruction for the Paramedic Certificate Program and meets the requirements of the most current National Education Standards. Lab instruction includes pulmonology and cardiology. Prerequisite: EMS 1010C. Corequisites: EMS 1642 and EMS 1685. Lab Fee. (TR)

**EMS 1686 | PARAMEDIC SPECIAL EMERGENCIES**

This course provides paramedic special emergencies instruction for the Paramedic Certificate Program and meets the requirements of the most current National Education Standards. Lab instruction includes neurology, endocrinology, allergies and anaphylaxis, gastroenterology, genitourinary, toxicology, environmental, and infectious/communicable diseases. Prerequisite: EMS 1010C. Corequisites: EMS 1642 and EMS 1686L. (TR)

**EMS 1686L | PARAMEDIC SPECIAL EMERGENCIES LAB**

This lab covers paramedic special emergencies instruction for the Paramedic Certificate Program and meets the requirements of the most current National Education Standards. Lab instruction includes neurology, endocrinology, allergies and anaphylaxis, gastroenterology, genitourinary, toxicology, environmental, and infectious/communicable diseases. Prerequisite: EMS 1010C. Corequisites: EMS 1642 and EMS 1686. Lab Fee. (TR)

**EMS 1687 | PARAMEDIC RESCUE EMERGENCIES**

This course provides paramedic rescue emergencies instruction for the Paramedic Certificate Program and meets the requirements of the most current National Education Standards. Course instruction includes: rescue awareness and operations; ambulance operations; hazardous materials; crime scene awareness; and EMS response to terrorism. Prerequisite: EMS 1681. Corequisites: EMS 1685 and EMS 1685L. (TR)

**EMS 1687L | PARAMEDIC RESCUE EMERGENCIES LAB**

This course provides paramedic rescue emergencies instruction for the Paramedic Certificate Program and meets the requirements of the most current National Education Standards. Lab instruction includes rescue awareness and operations, assessment based management, and ambulance operations, hazardous materials, crime scene awareness, and EMS response to terrorism. Prerequisite: EMS 1642. Corequisites: EMS 1616L. Lab Fee. (TR)

**EMS 2421 | EMERGENCY MEDICAL TECHNICIAN PRACTICUM**


**EMS 2930 | SPECIAL TOPICS IN EMERGENCY MEDICAL TECHNOLOGY**

This course is designed to transition you from the position of Emergency Medical Technician (EMT) provider into the realm of EMS management. You will be given a brief overview of the administrative roles within the EMS profession and how those concepts relate to personal enrichment and professional advancement. (TR)

**ENC 0015C | WRITING I**

Build writing skills and command of standard written English, including grammar, usage, and mechanics. Laboratory activities in addition to class are required. This college preparatory course does not count toward the associate degrees. Prerequisite: Designated score on placement test. Corequisite: ENC 0015L. Lab required. (PR)

**ENC 0016 | COMPRESSED DEVELOPMENTAL WRITING I**

In this 8 week course, you will be able to build writing skills and command of standard written English, including grammar, usage, and mechanics. This college preparatory course
does not count toward the associate degrees. Prerequisite: Designated score on placement test. (PR)

ENC 0025C WRITING II  4 coll. prep. crs.
Build writing skills, support written arguments, and demonstrate command of standard written English. Laboratory activities in addition to class are required. This college preparatory course does not count toward the associate degrees. Prerequisite: Designated score on placement test or successful completion of ENC 0015C. Corequisite: ENC 0025L. Lab required. (PR)

ENC 0026 COMPRESSED DEVELOPMENTAL WRITING II  3 coll. prep. crs.
In this 8 week course, you will be able to build writing skills, support written arguments, and demonstrate command of standard written English. This college preparatory course does not count toward the associate degrees. Prerequisite: Designated score on placement test or successful completion of ENC 0016. (PR)

ENC 0027C COMBINED DEVELOPMENTAL READING AND WRITING  4 coll. prep. crs.
This is a performance-based course designed to develop your critical reading and academic writing skills. The focus of the course will be on applying critical reading skills for organizing, analyzing, and retaining material and developing written work appropriate to the audience, purpose, situation, and length of the assignment. The course integrates preparation in basic academic reading skills with basic skills in writing a variety of academic essays. Prerequisite: Designated score on placement test. Corequisite: ENC 0027L. (PR)

ENC 0054 WRITING SEMINAR  1 coll. prep. cr.
Build writing skills, support written arguments, and demonstrate command of standard written English. This seminar will provide you with additional support instruction. Prerequisite: Designated score on placement test. Corequisite: ENC 1101. (PR)

ENC 1101 FRESHERMAN ENGLISH I  3 cr. hrs.
You will study the forms of discourse, as illustrated in contemporary and traditional essays, selected to train you in methods of forceful expression, logical thinking, and intelligent reading, skills that will serve you well in many of your other college classes. Your intensive study and practice in the mechanics of composition will support your writing of essays and a research paper. You will read essays from authors of different backgrounds to widen your cultural perspective and support a multi-cultural attitude. You will be required to demonstrate college-level English skills through multiple assignments and earn a grade of C or higher in this course. Prerequisite: Acceptable scores on placement test or successful completion of ENC 0025C and/or REA 0017C or exemption according to Florida State Board of Education Rule 6A-10.0315. (CORE) (G.E.) (TR)

ENC 1101 HONORS FRESHERMAN ENGLISH I  3 cr. hrs.
Honors Freshman English I emphasizes undergraduate research and argumentation. Guided research on a topic of the your choosing (but related to Florida) includes training in the use of primary sources, and develops your powers of analysis and synthesis. The “flipped classroom” method encourages you to work independently and bring long projects to successful completion. As in the standard ENC 1101, you will use the forms of discourse, as illustrated in contemporary and traditional essays, to develop selected to train you in methods of forceful expression, logical thinking, and intelligent reading, skills that will serve you well in many of your other college classes. Your intensive study and practice in the mechanics of composition will support your writing of essays and a research paper. You will read essays from authors of different backgrounds to widen your cultural perspective and support a multi-cultural attitude. You will be required to demonstrate college-level English skills through multiple assignments and earn a grade of C or higher in this course. This course offers service learning opportunities. Offered fall term. Permission of the Instructor or Honors Counselor. (CORE) (G.E.) (TR)

ENC 1101L FRESHERMAN ENGLISH I LAB  1 cr. hr.
This laboratory course serves to provide ENC 1101 students who demonstrate the need for additional support instruction. This course helps you to build writing skills, develop academic research processes, and demonstrate command of standard written English. Laboratory activities in addition to class are required. Prerequisite: Designated score on placement test. Corequisite: ENC 1101. (TR)

ENC 1102 FRESHERMAN ENGLISH II  3 cr. hrs.
This course is designed to develop your ability to read literature critically and to improve your ability to write effectively. Emphasis is on short fiction, poetry, and drama; exposure to various literary genres; and planning, writing, and documenting short research papers and critical essays. Your reading will include authors of both genders and a variety of multicultural backgrounds. You will be required to demonstrate college-level English skills through multiple assignments and earn a grade of C or higher in this course. Prerequisite: Successful completion of ENC 1101 with a grade of C or higher. (G.E.) (TR)

ENC 1102 HONORS FRESHERMAN ENGLISH II  3 cr. hrs.
Within the context of exploring different genres and different themes/issues, you will be assigned creative projects, researched writing, and real-world applications. You will be required to demonstrate college-level English skills through multiple assignments and earn a grade of C or higher in this course. Prerequisite: Successful completion of ENC 1101 with a grade of C or higher. Offered spring term. (G.E.) (TR)
ENC 2210  TECHNICAL WRITING  3 cr. hrs.
You will use your academic writing skills to perform professional communication tasks. You will practice workplace communication scenarios and do projects including abstracts, reviews, memos, reports, articles, proposals, and oral presentations. You will have an opportunity to work in groups and manage projects to completion. Prerequisite: Successful completion of ENC 1101 with a grade of C or higher. (TR)

ENL 2012  BRITISH LITERATURE I  3 cr. hrs.
This course is a survey of the development of British literature from Anglo-Saxon times through the eighteenth century, with attention to the historical background, the continuity of essential traditions, and the characteristic flavor of the other subsequent periods. Critical essays and oral reports are assigned. You are required to demonstrate college-level English skills through multiple assignments and earn a grade of C or higher in this course. Prerequisite: Successful completion of ENC 1101 with a grade of C or higher. (G.E.) (TR)

ENL 2012  HONORS BRITISH LITERATURE I  3 cr. hrs.
A survey of literature from the British Isles from the collapse of the Roman Empire to the French Revolution, in perspectives drawn from formalist, historical, and cultural criticism. Themes and topics may vary slightly from term to term, but there will always be several mystics, poets, knights, explorers, outlaws and outspoken women, a Shakespeare play, and at least one dragon. Critical essays and oral reports are assigned. You are required to demonstrate college-level English skills through multiple assignments and earn a grade of C or higher in this course. Prerequisite: Successful completion of ENC 1101 with a grade of C or higher; ENC 1102 strongly recommended. (G.E.) (TR)

ENL 2022  BRITISH LITERATURE II  3 cr. hrs.
A survey of the development of British literature from the Nineteenth century to present. Emphasis is on the relevance of the following traditions: Romanticism, Victorianism, and the early Twentieth century as related to contemporary thought. Critical essays and reports are assigned. You are required to demonstrate college-level English skills through multiple assignments and earn a grade of C or higher in this course. Prerequisite: Successful completion of ENC 1101 with a grade of C or higher. (G.E.) (TR)

ENL 2022  HONORS BRITISH LITERATURE II  3 cr. hrs.
A survey of the development of British literature from the Nineteenth century to present. Emphasis is on the relevance of the following traditions: Romanticism, Victorianism, and the early Twentieth century as related to contemporary thought. Critical essays and reports are assigned. You are required to demonstrate college-level English skills through multiple assignments and earn a grade of C or higher in this course. Prerequisite: Successful completion of ENC 1101 with a grade of C or higher; ENC 1102 strongly recommended. (G.E.) (TR)

ETD 1320C  INTRODUCTION TO AUTOCAD  3 cr. hrs.
This course will use the AutoCAD software to teach how to make graphic displays, including basic geometric figures, orthographic views of three-dimensional objects, production of mechanical drawings, and pictorial drawings of various three-dimensional applications. Prerequisite: Instructor's Approval. (TR)

ETD 1614C  APPLIED ELECTRONICS DRAWING  3 cr. hrs.
Prepares you to create schematics for electronic devices and to design printed circuit boards using E-Z Route Software. Lab Fee. (TR)

ETD 2364C  INTRODUCTION TO SOLIDWORKS  3 cr. hrs.
This course is an introduction to new designing techniques and capabilities of solid modeling using 3D computer-aided design software. Topics include the integration of advanced parametric solid modeling drawing tools. Prerequisite: ETD 1320C or Instructor's Approval. (TR)

ETI 0190C  QUALITY AND PRODUCTION PLANNING  120 con. hrs.  4 occ. crs.
In this course, you will study quality assurance methods and quality control concepts, explore modern business practices, learn about computer-aided manufacturing and flexible manufacturing planning, and finally produce a product via a master project. (CH)

ETI 0708C  INDUSTRIAL SAFETY AND APPLIED TECHNIQUES  120 con. hrs.  4 occ. crs.
In this course, you will develop an understanding of modern technology; study workplace safety and workplace organization; workplace communication skills; and explore career opportunities and employability. (CH)

ETI 1110  INTRODUCTION TO QUALITY ASSURANCE  3 cr. hrs.
This course is designed to present the total quality control function in industry. The latest concepts and technique will be studies in light of modern manufacturing requirements and current technological developments. (TR)

ETI 1420  MANUFACTURING PROCESSES AND MATERIALS  3 cr. hrs.
This course is an introduction to modern manufacturing materials, processes and systems, which are the basic building blocks of manufacturing and are best taught together. You will learn to identify and distinguish appropriate materials processing selections given general performance needs and production rates. Material physical and mechanical properties are covered, along with equipment and processing methods used in manufacturing. (TR)
ETI 1622 CONCEPTS OF LEAN AND SIX SIGMA 3 cr. hrs.
This course provides a comprehensive overview of the lean and six sigma methodologies including: define, measure, analyze, improve and control (DMAIC) process improvement paradigm, techniques, tools, and metrics that are critical for process improvement success. Prerequisite: ETI 1110. (TR)

ETI 1644 PRODUCTION AND INVENTORY CONTROL 3 cr. hrs.
A survey course in production planning and inventory control, including the topics of scheduling, MRP, and capacity planning. (TR)

ETI 1701 INDUSTRIAL SAFETY (OSHA) 3 cr. hrs.
This course covers the skills needed to create and maintain a safe and productive work environment as defined by OSHA regulations that are applicable to industrial facilities and construction sites. Handling and disposal of hazardous materials are also emphasized. (TR)

ETI 1843 MOTORS AND CONTROLS 3 cr. hrs.
This course explores the theory and application of AC and DC motors. It covers how different types of motors operate and how electronic motor control systems are designed and can be used to improve efficiency in a wide range of applications. (TR)

ETI 1931 SPECIAL TOPICS IN MODERN MANUFACTURING 3 cr. hrs.
This course is designed to allow flexibility for presenting a variety of topics related to high performance manufacturing principles and applications. Prerequisite: Instructor’s Approval. (TR)

ETI 1949 CO-OP EDUCATION TRAINING ASSIGNMENT IN MANUFACTURING 3 cr. hrs.
A first hands-on learning activity (paid or non-paid) directly related to your major/career objectives. Prerequisite: Instructor’s Approval. (TR)

ETM 0030C ELECTRICAL AND COMPUTER APPLICATIONS 120 con. hrs. 4 occ. crs.
In this course, you will study robotic systems used in manufacturing, AC/DC electrical controls, Programmable Logic Control, and the maintenance of technological systems. (CH)

ETM 0040C MECHANICAL SYSTEMS AND APPLICATIONS 120 con. hrs. 4 occ. crs.
In this course, you will learn about basic machine operation and computer-numeric-control machines; how to select production processes; and study mechanisms, hydraulic, and pneumatic systems. (CH)

ETM 1010C MECHANICAL MEASUREMENT AND INSTRUMENTATION 3 cr. hrs.
This course provides the basic foundation for both mechanical and electronic measurement techniques used in manufacturing environments. The course will integrate the concepts, principles and techniques of mechanical measurement with the use of various types of instruments. (TR)

ETM 2315 HYDRAULICS AND PNEUMATICS 3 cr. hrs.
This course treats principles of a fluid and airflow, the basic components of hydraulic and pneumatic systems and how they are combined and function in instrumentation. Experience will include demonstration and setting up various hydraulic and pneumatic circuits and how they respond to pressure, heat, flow and restriction. (TR)

ETM 2315L HYDRAULICS AND PNEUMATICS LAB 1 cr. hr.
This lab provides hands-on experiences to reinforce the basic principles of hydraulic and pneumatic systems and the operation of pumps and flow monitoring devices for simple but fundamental systems. Pre- or Corequisite: ETM 2315. (TR)

ETP 0170 POLE CLIMBING, ROPES, AND RIGGING 45 con. hrs. 1.5 occ. crs.
This is a specialized course in Electrical Distribution Technology trade. You will identify and properly apply ropes, slings and rigging for lifting and rigging task for equipment lifting and hot line work applications. The course will cover care maintenance and application of rope block and tackle; cable, chain and strap hoist. You will demonstrate proficiencies in lifting and rigging and the application care and maintenance of lift sticks, saddles and clamps. You will also become proficient in climbing wood poles and the care and maintenance of pole climbing equipment. Corequisite: ETP 0170L. Lab Fee. (CH)

ETP 0170L POLE CLIMBING, ROPES, AND RIGGING LAB 30-240 con. hrs. 1-8 occ. crs.
This lab applies knowledge of the care maintenance and application of rope block and tackle and cable, chain and strap hoist. You will demonstrate proficiencies in lifting and rigging and the application care and maintenance of lift sticks, saddles and clamps; and will also become proficient in climbing wood poles and the care and maintenance of pole climbing equipment. Corequisite: ETP 0170. (CH)

ETP 0171 POLE LINE EQUIPMENT I 45 con. hrs. 1.5 occ. crs.
You will demonstrate knowledge of blueprints for overhead line installations, identify and classify overhead line insulators, properly identify and discuss insulator and lightning arrester technologies and applications, and discuss insulator and arrester failure modes. You will demonstrate proficiencies in switch and disconnect installation, operation and maintenance; cross arm identification, application, installation and maintenance; and will demonstrate proficiencies in cross arm, insulator and arrester installation and maintenance, basic hot stick techniques and live-line wire tying and clamping techniques. Corequisite: ETP 0171L. Lab Fee. (CH)
ETP 0171L POLE LINE EQUIPMENT I LAB
30-240 con. hrs.  1-8 occ. crs.
This lab applies knowledge of blueprints for overhead line installations, identify and classify overhead line insulators, properly identify and discuss insulator and lightning arrester technologies and applications, and discuss insulator and arrester failure modes. Corequisite: ETP 0171.  (CH)

ETP 0172 POLE LINE EQUIPMENT II
45 con. hrs.  1.5 occ. crs.
You will study blueprint reading applying to overhead line installations and be able to identify and classify oil circuit breakers, primary metering, pole mounted three phase reclosers, single and three phase transformer banks and capacitor banks and pole mounted and platform mounted regulators. You will study and demonstrate proficiencies in installing, operating and maintaining OCB's, primary metering installations, reclosers, transformers and transformer banks, capacitor banks and regulators. You will also be able to identify, operate and maintain manual and automatic controllers for OCB's, reclosers, capacitor banks and regulators. You will study and be able to discuss the theory of operation, application and testing of regulators and regulator by-pass switches. Corequisite: ETP 0172L. Lab Fee.  (CH)

ETP 0172L POLE LINE EQUIPMENT II LAB
30-240 con. hrs.  1-8 occ. crs.
This lab applies knowledge of blueprint reading applying to overhead line installations and be able to identify and classify oil circuit breakers, primary metering, pole mounted three phase reclosers, single and three phase transformer banks and capacitor banks, pole and platform mounted regulators. Corequisite: ETP 0172.  (CH)

ETP 0173 TRUCKS AND EXCAVATION EQUIPMENT
45 con. hrs.  1.5 occ. crs.
You will demonstrate proficiencies in computing, planning and lifting loads; pole truck auger and winching operations; non-verbal hand signaling; winch cable maintenance and inspection and daily vehicle inspection of boom truck; bucket truck, digger truck, back hoe and trencher equipment. Also, you will demonstrate boring equipment and aerial work platform operations. You will demonstrate maintenance of glowing bucket booms, liners and dielectric testing, and equipment trailering safely. Prerequisites: ETP 0179 and CDL License. Corequisite: ETP 0173L. Lab Fee.  (CH)

ETP 0173L TRUCKS AND EXCAVATION EQUIPMENT LAB
30-240 con. hrs.  1-8 occ. crs.
This lab applies knowledge of the proficiencies in computing, planning and lifting loads; pole truck auger and winching operations; nonverbal hand signaling; winch cable maintenance and inspection and daily vehicle inspection of boom truck; bucket truck, digger truck, back hoe and trencher equipment. You will demonstrate boring equipment and aerial work platform operations. You will also demonstrate maintenance of glowing bucket booms, liners and dielectric testing, and equipment trailering safety. Corequisite: ETP 0173.  (CH)

ETP 0174 ELECTRICAL DISTRIBUTION STRUCTURES
45 con. hrs.  1.5 occ. crs.
You will apply blueprint reading and staking practices related to distribution structures and able to identify the different types and applications of wood, concrete and steel structures. You will be able to identify a pole manufacturer and rating by reading the pole brand. You will demonstrate proficiencies in pole erection and guying; pole and guy grounding and ground testing and will demonstrate a thorough knowledge of guys and attachments. You will also be able to discuss wind loading, weight loading and modes of pole stress; typical structure failure modes and inspection procedures; basic pole framing standards and clearances and joint utility use considerations. You will demonstrate a basic knowledge of transmission structures, framing and clearances. Corequisite: ETP 0174L. Lab Fee.  (CH)

ETP 0174L ELECTRICAL DISTRIBUTION STRUCTURES LAB
30-240 con. hrs.  1-8 occ. crs.
This lab applies knowledge of blueprint reading and staking practices related to distribution structures and different types of wood, concrete and steel structures. You will be able to identify a pole manufacturer and rating by reading the pole brand. You will demonstrate proficiencies in pole erection and guy ing; pole and guy grounding and ground testing and will demonstrate a thorough knowledge of guys and attachments. Corequisite: ETP 0174.  (CH)

ETP 0175 UNDERGROUND DISTRIBUTION
45 con. hrs.  1.5 occ. crs.
You will study blueprints and typical layouts for URD loops and radial systems, identify URD primary and secondary cables and their applications, study and be able to discuss trenching and cable installation; identify soil/cave-in conditions; discuss trenching safe work practices, and discuss locating of subterranean utilities and discuss site-built and pre-cast pad installations. You will be able to identify primary and secondary risers and pothead pole framing, and be able to install porcelain, butyl rubber and tape constructed primary terminators. You will also demonstrate proficiency installing and grounding of single and three phase pad installations; URD switch cabinet installations; secondary risers and terminations; primary and secondary cable failure modes; URD switching on live and dead front equipment; fault finding and testing of URD cables. Corequisite: ETP 0175L. Lab Fee.  (CH)

ETP 0175L UNDERGROUND DISTRIBUTION LAB
30-240 con. hrs.  1-8 occ. crs.
This lab applies knowledge of blueprint reading and staking practices related to distribution structures and different types of wood, concrete and steel structures. You will be able to identify a pole manufacturer and rating by reading the pole brand. You will demonstrate proficiencies in pole erection and guy ing; pole and guy grounding and ground testing and will demonstrate a thorough knowledge of guys and attachments. Corequisite: ETP 0175.  (CH)
ETP 0177 INSTALLING OVERHEAD CONDUCTORS
45 con. hrs.  1.5 occ. crs.
You will demonstrate proficiencies in setting up and operating wire tuggers, tensioners and wire reel tenders, discuss techniques for wire pulling; safe guarding of buildings, cross streets, walkways and the public during pulling operations; planning wire pulling; and identifying potential hazards that may be encountered during wire pulling operations. You will also be able to demonstrate proficiencies in fanning and covering of energized lines and live equipment for re-conductoring/pulling operations; rigging of rollers and wire pulling devices; serving of cables and ropes for pulling; care, use and insulation of insulated mechanical jumpers; sagging, transfer of, tying in and dead-ending of pulled conductors; and installing of inline and pole mounted disconnects. You will demonstrate proficiencies in live line gloving practices. Corequisite: ETP 0177L. Lab Fee.  (CH)

ETP 0177L INSTALLING OVERHEAD CONDUCTORS LAB 30-240 con. hrs.  1-8 occ. crs.
This lab applies knowledge of setting up and operating wire tuggers, tensioners and wire reel tenders. You will demonstrate techniques for wire pulling; safe guarding of buildings, cross streets, walkways and the public during pulling operations; planning wire pulling; and identifying potential hazards that may be encountered during wire pulling operations. Corequisite: ETP 0177L. (CH)

ETP 0178 BASIC ELECTRICITY FOR LINE WORKERS
45 con. hrs.  1.5 occ. crs.
This is a specialized course in basic electricity and the fundamentals of electrical power that apply particularly to the line worker. You will study the history of electricity; AC and DC circuits; the principles of induction, capacitance and reactance; portable generators and basic wiring; conductors and insulator technology and electric power. You will demonstrate proficiencies in basic electrical formulae and measuring/metering instruments. Corequisite: ETP 0178L. (CH)

ETP 0178L BASIC ELECTRICITY FOR LINE WORKERS LAB 30-240 con. hrs.  1-8 occ. crs.
This lab applies knowledge of basic electricity and the fundamentals of electrical power that apply particularly to the line worker. Corequisite: ETP 0178. (CH)

ETP 0179 SAFE WORK PRACTICES
45 con. hrs.  1.5 occ. crs.

ETP 0179L SAFE WORK PRACTICES LAB 30-240 con. hrs.  1-8 occ. crs.

ETP 0180 LINEMAN APPRENTICESHIP I
4-80 con. hrs.  0.1-2.7 occ. crs.
This course is available to you, if you are participating in an indentured apprenticeship and limited to you, if you are not participating in an indentured apprenticeship. Major areas include history and development of electricity, safe use of tools and equipment, generation and transmission of electricity, and electrical distribution systems. If enrolled, you will be required to participate in on-the-job training within the industry represented by the program advisory committee. Advisory committee will communicate with technical instructors and employers to monitor the progress of your training. If not employed in the field while attending technical courses of the apprenticeship program, you will only be eligible for a career certificate in the subject area. Corequisite: ETP 0941. (CH)

ETP 0181 LINEMAN APPRENTICESHIP II
4-80 con. hrs.  0.1-2.7 occ. crs.
This course is available to you, if you are participating in an indentured apprenticeship and limited to you, if you are not participating in an indentured apprenticeship. Major areas include safe use of tools and equipment, measuring electricity and electrical current concepts. If enrolled, you will be required to participate in on-the-job training within the industry represented by the program advisory committee. Advisory committee will communicate with technical instructors and employers to monitor the progress of your training. If not employed in the field while attending technical courses of the apprenticeship program, you will only be eligible for a career certificate in the subject area. Prerequisite: ETP 0180. Corequisite: ETP 0942. (CH)

ETP 0182 LINEMAN APPRENTICESHIP III
4-80 con. hrs.  0.1-2.7 occ. crs.
This course is available to you, if you are participating in an indentured apprenticeship and limited to you, if you are not participating in an indentured apprenticeship. Major areas include safe use of tools and equipment, alternating current theory, application of capacitors, inductive reactance and AC parallel circuits. If enrolled, you will be required to participate in on-the-job training within the industry represented by the program advisory committee. Advisory committee will communicate with technical instructors and employers to monitor the progress of your training. If not employed in the field while attending technical courses of the apprenticeship program, you will only be eligible for a career certificate in the subject area. Prerequisite: ETP 0181. Corequisite: ETP 0944. (CH)
ETP 0183 LINEMAN APPRENTICESHIP IV
4-80 con. hrs.  0.1-2.7 occ. crs.
This course is available to you, if you are participating in an indentured apprenticeship and limited to you, if you are not participating in an indentured apprenticeship. Major areas include safe use of tools and equipment, parallel and series parallel circuits, understanding three phase systems, operation of current generators and transformer purpose. If enrolled, you will be required to participate in on-the-job training within the industry represented by the program advisory committee. Advisory committee will communicate with technical instructors and employers to monitor the progress of your training. If you are not employed in the field while attending technical courses of the apprenticeship program, you will only be eligible for a career certificate in the subject area. Prerequisite: ETP 0182. Corequisite: ETP 0945. (CH)

ETP 0184 LINEMAN APPRENTICESHIP V
4-80 con. hrs.  0.1-2.7 occ. crs.
This course is available to you, if you are participating in an indentured apprenticeship and limited to you, if you are not participating in an indentured apprenticeship. Major areas include safe use of tools and equipment; ropes, knots, splices, and gear; distribution and transmission poles; line conductors and connections, and methods of string and sagging operations. If enrolled, you will be required to participate in on-the-job training within the industry represented by the program advisory committee. Advisory committee will communicate with technical instructors and employers to monitor the progress of your training. If you are not employed in the field while attending technical courses of the apprenticeship program, you will only be eligible for a career certificate in the subject area. Prerequisite: ETP 0183. Corequisite: ETP 0947. (CH)

ETP 0185 LINEMAN APPRENTICESHIP VI
4-80 con. hrs.  0.1-2.7 occ. crs.
This course is available to you, if you are participating in an indentured apprenticeship and limited to you, if you are not participating in an indentured apprenticeship. Major areas include safe use of tools and equipment; underground distribution systems; and maintenance of transmission and distribution lines. If enrolled, you will be required to participate in on-the-job training within the industry represented by the program advisory committee. Advisory committee will communicate with technical instructors and employers to monitor the progress of your training. If you are not employed in the field while attending technical courses of the apprenticeship program, you will only be eligible for a career certificate in the subject area. Prerequisite: ETP 0184. Corequisite: ETP 0948. (CH)

ETP 0186 LINEMAN APPRENTICESHIP VII
4-80 con. hrs.  0.1-2.7 occ. crs.
This course is available to you, if you are participating in an indentured apprenticeship and limited to you, if you are not participating in an indentured apprenticeship. Major areas include safe use of tools and equipment, transformer connections and refusing, application of meters, substation operation, and protective grounding. If enrolled, you will be required to participate in on-the-job training within the industry represented by the program advisory committee. Advisory committee will communicate with technical instructors and employers to monitor the progress of your training. If you are not employed in the field while attending technical courses of the apprenticeship program, you will only be eligible for a career certificate in the subject area. Prerequisite: ETP 0185. Corequisite: ETP 0951. (CH)

ETP 0187 LINEMAN APPRENTICESHIP VIII
4-80 con. hrs.  0.1-2.7 occ. crs.
This course is available to you, if you are participating in an indentured apprenticeship and limited to you, if you are not participating in an indentured apprenticeship. Major areas include safe use of tools and equipment, right of way clearing, work procedures, techniques and overall electrical line operations. If enrolled, you will be required to participate in on-the-job training within the industry represented by the program advisory committee. Advisory committee will communicate with technical instructors and employers to monitor the progress of your training. If you are not employed in the field while attending technical courses of the apprenticeship program, you will only be eligible for a career certificate in the subject area. Prerequisite: ETP 0186. Corequisite: ETP 0952. (CH)

ETP 0941 LINEMAN INTERNSHIP I
30-700 con. hrs.  1-23.3 occ. crs.
This course provides you the opportunity to acquire practical experience while working on-the-job training. Job skills are defined by the work processes of the apprenticeship agreement taught on the job. Prerequisite: ETP 0183. Corequisite: ETP 0943 LINEMAN INTERNSHIP II
30-700 con. hrs.  1-23.3 occ. crs.
This course provides you the opportunity to acquire practical experience while working on-the-job training. Job skills are defined by the work processes of the apprenticeship agreement taught on the job. Prerequisite: ETP 0184. Corequisite: ETP 0941. (CH)

ETP 0943 LINEMAN INTERNSHIP III
30-700 con. hrs.  1-23.3 occ. crs.
This course provides you the opportunity to acquire practical experience while working on-the-job training. Job skills are defined by the work processes of the apprenticeship agreement taught on the job. Prerequisite: ETP 0185. Corequisite: ETP 0942. (CH)

ETP 0944 LINEMAN INTERNSHIP IV
30-700 con. hrs.  1-23.3 occ. crs.
This course provides you the opportunity to acquire practical experience while working on-the-job training. Job skills are defined by the work processes of the apprenticeship agreement taught on the job. Prerequisite: ETP 0186. Corequisite: ETP 0943. (CH)
ETP 0945  LINEMAN INTERNSHIP V  
30-700 con. hrs.  1-23.3 occ. crs.  
This course provides you the opportunity to acquire practical experience while working on-the-job training. Job skills are defined by the work processes of the apprenticeship agreement taught on the job. Prerequisite: ETP 0944. Corequisite: ETP 0183.  (CH)

ETP 0946  LINEMAN INTERNSHIP VI  
30-700 con. hrs.  1-23.3 occ. crs.  
This course provides you the opportunity to acquire practical experience while working on-the-job training. Job skills are defined by the work processes of the apprenticeship agreement taught on the job. Prerequisite: ETP 0945. Corequisite: ETP 0183.  (CH)

ETP 0947  LINEMAN INTERNSHIP VII  
30-700 con. hrs.  1-23.3 occ. crs.  
This course provides you the opportunity to acquire practical experience while working on-the-job training. Job skills are defined by the work processes of the apprenticeship agreement taught on the job. Prerequisite: ETP 0946. Corequisite: ETP 0184.  (CH)

ETP 0948  LINEMAN INTERNSHIP VIII  
30-700 con. hrs.  1-23.3 occ. crs.  
This course provides you the opportunity to acquire practical experience while working on-the-job training. Job skills are defined by the work processes of the apprenticeship agreement taught on the job. Prerequisite: ETP 0947. Corequisite: ETP 0185.  (CH)

ETP 0949  CO-OP WORK EXPERIENCE IN ELECTRICAL DISTRIBUTION  
30-240 con. hrs.  1-8 occ. crs.  
The Cooperative Work Experience in Electrical Distribution will allow you to work along in the field with experienced linemen and be exposed to the skills needed and work environment of the trade.  (CH)

ETP 0950  LINEMAN INTERNSHIP IX  
30-700 con. hrs.  1-23.3 occ. crs.  
This course provides you the opportunity to acquire practical experience while working on-the-job training. Job skills are defined by the work processes of the apprenticeship agreement taught on the job. Prerequisite: ETP 0948. Corequisite: ETP 0187.  (CH)

ETP 0951  LINEMAN INTERNSHIP X  
30-700 con. hrs.  1-23.3 occ. crs.  
This course provides you the opportunity to acquire practical experience while working on-the-job training. Job skills are defined by the work processes of the apprenticeship agreement taught on the job. Prerequisite: ETP 0950. Corequisite: ETP 0187.  (CH)

ETP 0952  LINEMAN INTERNSHIP XI  
30-700 con. hrs.  1-23.3 occ. crs.  
This course provides you the opportunity to acquire practical experience while working on-the-job training. Job skills are defined by the work processes of the apprenticeship agreement taught on the job. Prerequisite: ETP 0951. Corequisite: ETP 0189. (CH)

ETP 0953  LINEMAN INTERNSHIP XII  
30-700 con. hrs.  1-23.3 occ. crs.  
This course provides you the opportunity to acquire practical experience while working on-the-job training. Job skills are defined by the work processes of the apprenticeship agreement taught on the job. Prerequisite: ETP 0952. Corequisite: ETP 0187. (CH)

ETP 1511  INTRODUCTION TO BIOFUELS  3 cr. hrs.  
An introductory course designed to give an understanding of biofuels, with particular focus on ethanol and biodiesel. Various renewable feedstock, agricultural residues, bio-wastes, and their availability and attributes for biofuels production will be examined. You will learn about feedstock processing methods, sugar fermentation, distillation and purification of biofuels products. Economic and environmental impact of these renewable energy sources will be discussed.  (TR)

ETP 2930  SPECIAL TOPICS IN BIOFUELS  3 cr. hrs.  
This course focuses on special topics in biofuels. Topics may vary from term to term in biofuel production. The impact of renewable fuels on society and the environment will be discussed.  (TR)

ETS 1535  AUTOMATED PROCESS CONTROL  3 cr. hrs.  
This course introduces the modern approach to control theory and the ideas of controllability, the Popular Proportional Plus, and Plus Integral Derivative (P.I.D.) control scheme. Prerequisite: ETS 1542.  (TR)

ETS 1542  INTRODUCTION TO PROGRAMMABLE LOGIC CONTROLLERS  3 cr. hrs.  
This course introduces various programmable logic controllers (PLC) and how each interfaces with hydraulic, pneumatic and electrical controls for automated applications. Laboratory experiences include the design and troubleshooting of ladder logic programs, working with the counters, registers, decoders, and digital to analog converters, analog to digital converters, and storage devices. Prerequisite: Instructor's Approval.  (TR)

ETS 2527  ELECTROMECHANICAL COMPONENTS AND MECHANISMS  3 cr. hrs.  
This course covers gears, gearboxes, belts and pulleys, chains, sprockets, and alignments and measures found in the industrial environment. Prerequisite: Instructor's Approval.  (TR)

ETS 2604  ROBOTICS APPLICATIONS  3 cr. hrs.  
This course is designed to introduce you to the basic principles of robots, including classification, operation, maintenance, troubleshooting and applications in the robotics industry. You will use hands-on practices to become familiar with selections of a robotic system. Prerequisite: Instructor's Approval.  (TR)
EUH 1000 WESTERN CIVILIZATION I 3 cr. hrs.
This course reviews the essential cultural, economic, social, religious and political developments of Western civilizations from their earliest beginnings up to 1648. The importance of historical analysis and research and the inter-relationships of several social studies disciplines are stressed. (G.E.) (TR) (DV)

EUH 1001 WESTERN CIVILIZATION II - Deleted

EVR 2001 INTRODUCTION TO ENVIRONMENTAL SCIENCE 3 cr. hrs.
EVR 2001 provides you with a foundation in environmental science, focusing on science and sustainability, and providing an overview of environmental problems and the search for solutions to those problems. Course uses illustrations from recent environmental events in the news as well as content specific to ecosystems in Florida to introduce the importance of environmental science to students. (CORE) (G.E.) (TR)

EVS 1949 CO-OP EDUCATION TRAINING ASSIGNMENT IN ENVIRONMENTAL AND NATURAL SCIENCES 1-3 cr. hrs.
A first hands-on learning activity (paid or non-paid) directly related to your academic major/career objective. (TR)

EVS 2949 CO-OP EDUCATION TRAINING ASSIGNMENT IN ENVIRONMENTAL AND NATURAL SCIENCES 1-3 cr. hrs.
A second hands-on learning activity (paid or non-paid) directly related to your academic major/career objective. (TR)

FFP 0010 FIRE FIGHTER I 206 con. hrs. 6.9 occ. crs.
This course presents the history of fire service, firefighter safety and health, communications, building construction, the science of fire, PPE, fire extinguishers, ropes and knots, search and rescue, vehicle extrication and technical rescue, ladders, ventilation, water supply, hose handling, fire streams and fire control, salvage and overhaul, and fire and life safety initiatives. Corequisite: EMS 1051C or Instructor’s Approval. Lab Fee. (CH)

FFP 0020 FIRE FIGHTER II 192 con. hrs. 6.4 occ. crs.
Fire Fighter II covers information on fire department communications, building construction hazards and structural collapse, maintenance of electric generators and lighting equipment, service testing fire hose, firefighting foam, coordinating fire ground operations, advanced origin and cause, fire protection systems, conducting private dwelling fire safety surveys, Florida Statewide Emergency Response Plan (SERP), air monitoring, new challenges for firefighters, and firefighter safety and survival. Prerequisite: FFP 0010. Lab Fee. (CH)

FFP 1301 FIRE HYDRAULICS AND WATER SUPPLY 3 cr. hrs.
This course is an overview of fire characteristics, properties of water, apparatus and appliances. Emphasis on developing proper fire streams using hydraulic calculations (theoretical and practical). Also covers drafting of water, velocity and discharge, friction loss, engine and nozzle pressure, pressure losses, municipal water supplies, standpipes and sprinklers, flow and pump testing and applications in fire science. Prerequisite: Certified Firefighter. (TR)

FFP 1302 FIRE APPARATUS AND EQUIPMENT 3 cr. hrs.
This course covers the laws, rules and driving techniques for emergency vehicles, as well as a review of fire service hydraulics. Fire-ground evolution and a driving course make up the practical part of the course. The evolution portion of the course includes the use of pre-connected lines, tandem pumping, drafting, relays and master streams. Prerequisite: FFP 1301. (TR)

FFP 1505 FIRE PREVENTION 3 crs. hrs.
A study of fire inspections practices, including such items as purpose, definition, liability, authority, responsibility, organizational structure, fire courses, fire behavior, flame spread, inspection techniques, methods of conducting inspections, occupancy types, fire load, Fire Prevention Bureau certification. (TR)

FFP 1540 PRIVATE FIRE PROTECTION I 3 cr. hrs.
A study of private fire protection and detection systems, such as sprinkler and standpipe systems, chemical extinguishing systems, detection systems and devices. Each system is discussed as to its need, construction and preventive maintenance and individual use. (TR)

FFP 1824 BASIC INCIDENT MANAGEMENT 1 cr. hr.
You will learn the principles and features of an incident command system and how it is organized, identify incident facilities and their purposes (such as but not limited to command post, staging area, bases, camps, and heliports-helispots), describe incident management resources such as strike teams, task forces, and single resources, and common responsibilities, such as communications and forms. (TR)

FFP 1825 INTERMEDIATE INCIDENT MANAGEMENT 1 cr. hr.
You must be able to list and describe the duties of various positions within the incident command system, construct an incident management organization for a given incident or event, including appropriate procedures for establishing command, transferring command, and terminating an incident, demonstrate knowledge of efficient incident resource management including logistics, finance, administration, and recordkeeping, understand air operations, and demonstrate knowledge of incident planning processes. Prerequisite: FFP 1824. (TR)
**FFP 1832 EMERGENCY RESPONSE TO TERRORISM**  
1 cr. hr.
This course includes the USFA’s NFA five-level hazardous materials training model. These levels are awareness, operations, technician, specialist, and incident command. Occasionally, the material touches on operational and managerial issues. The course will introduce first responders to the consequences of emergency response to terrorism. The response to terrorism will include, in addition to this course, basic concepts for first responders, tactical considerations, and incident management. The USFA’s response to terrorism training is consistent with the National Fire Protection Association’s Professional Qualifications 471, 472, and 473.  

**FFP 2111 FIRE CHEMISTRY**  
3 cr. hrs.
This course is designed to address knowledge and skills pertaining to chemistry that will be useful to the hazardous materials technician. The course features forms of matter, energy, common substances, chemical formulas/structure, bonding of atoms, molecules, isotopes, chemical reactions, and physical effects of chemical exposure to victims. Particular emphasis is placed on how this knowledge can be effectively used at a hazardous materials incident.  

**FFP 2120 BUILDING CONSTRUCTION FOR FIRE PROTECTION**  
3 cr. hrs.
This course addresses the fundamentals of building construction and design, fire protection features and special considerations for fire inspection and suppression personnel.  

**FFP 2510 RELATED FIRE CODES AND STANDARDS**  
3 cr. hrs.
This course will familiarize you with the Life Safety Code, its purpose, scope and application to the basic classifications of occupancy.  

**FFP 2521 BLUEPRINT READING AND PLAN EXAMINATION**  
3 cr. hrs.
This course is an introduction to architectural working drawings, reading, and interpretation.  

**FFP 2541 PRIVATE FIRE PROTECTION SYSTEMS II**  
3 cr. hrs.
This course is a study of pre-engineered and portable systems, extinguishing agents, inspection procedures for code compliance and enforcement, and alarm systems.  

**FFP 2604 FIRE INVESTIGATION AND ARSON DETECTION**  
3 cr. hrs.
This course covers latent investigation practices, including such topics as sketching fire scenes, storage of explosives, fire scene personal safety, arson for profit, profiling fire setters and other topics for investigation.  

**FFP 2606 POST BLAST INVESTIGATIONS**  
3 cr. hrs.
This course is a study of arson crime scenes that involve explosions including laboratory procedures, chemical and physical components of explosive materials, and legal issues relative to bombings.  

**FFP 2610 FIRE INVESTIGATION: ORIGIN AND CAUSE**  
3 cr. hrs.
This course is designed to enhance the fire investigators ability to detect and determinate the origin and cause of a fire. Specific topics include fire behavior review, investigator ethics, construction, ignition sources, reading fire patterns and scene reconstruction. Special topics include electrical fire investigation, woodland fires, vehicle fires, mobile home fires, RV and boat, and ship fires. Additional topics provide special emphasis on fire scene documentation and extinguishing/ alert systems.  

**FFP 2612 FIRE BEHAVIOR AND COMBUSTION**  
3 cr. hrs.
This course explores the theories and fundamentals of how and why fires start, spread, and are controlled.  

**FFP 2630 LATENT INVESTIGATIONS**  
3 cr. hrs.
A study of fire death and injury investigations, review of chemistry of hazardous materials, sources of information, motive for arson, and various arson sets and devices.  

**FFP 2670 LEGAL ISSUES FOR INVESTIGATORS**  
3 cr. hrs.
This course covers a study of the State statutes relating to arson, search and seizure guidelines, including case studies of Supreme Court rulings, civil court rulings, preparing an investigation case for trial, and techniques for interviewing witnesses and suspects.  

**FFP 2702 PRINCIPLES OF EMERGENCY SERVICES**  
3 cr. hrs.
This course provides an overview to fire protection; career opportunities in fire protection and related fields; philosophy and history of fire.  

**FFP 2706 PUBLIC INFORMATION OFFICER**  
3 cr. hrs.
This course prepares you to serve effectively as an organizational spokesperson, according to current practices in the profession of public relations and numerous examples from the fire service. Particular emphasis will be placed on case studies in crisis communications and the role of the Public Information Officer’s role in the Incident Command System.  

**FFP 2720 COMPANY OFFICER LEADERSHIP**  
3 cr. hrs.
This course acquaints you with the basic aspects of leadership. Specifically, covered are those areas that deal with leadership style, communications, group dynamics, individual behavior, motivation and the various types of management currently used in the fire service community. Prerequisite: Certified Firefighter.
FFP 2740 FIRE SERVICE COURSE DELIVERY
3 cr. hrs.
This course is designed to give you an overview of effective methods and techniques used in the teaching process and an opportunity to gain experience through various practical applications. (TR)

FFP 2741 FIRE SERVICE COURSE DESIGN
3 cr. hrs.
This course covers the principles of effective curriculum design. It stresses the principles of adult learning and student-centered learning. Course includes designing courses and units that address learning, performance, and behavioral objectives is the program goal. (TR)

FFP 2770 ETHICAL AND LEGAL ISSUES IN FIREFIGHTING
3 cr. hrs.
This course deals with the entire spectrum of issues facing today’s fire service leaders. Topics covered include; labor relations, human rights and diversity, conflicts of interest and frameworks for ethical decisions-making. (TR)

FFP 2780 FIRE SERVICE ADMINISTRATION
3 cr. hrs.
Course is designed to present the principles of management theory, and its application in the fire services area. The course is intended for you, if your area of responsibility encompasses long and short range planning, budgeting and administration. Prerequisite: Certified Firefighter. (TR)

FFP 2810 FIREFIGHTING TACTICS AND STRATEGIES I
3 cr. hrs.
This course covers basic factors involved in coping with fire emergency and determining the best use of available resources in protecting lives and property from fire, heat and smoke. The course emphasizes the changing nature of an emergency situation and the ways in which you can evaluate the effectiveness of your proposed plan of action. Prerequisite: Certified Firefighter. (TR)

FFP 2811 FIREFIGHTING TACTICS AND STRATEGIES II
3 cr. hrs.
This course covers multiple company operations, logistics, strategy, use of mutual aid forces and conflagration control. The course is intended for you, if you may be in command of fires and other emergencies involving close coordination of large amounts of manpower and equipment. Typical tactical situations and case histories are given. The development of critical thinking skills is stressed. Prerequisites: FFP 2810 and Certified Firefighter. (TR)

FIN 1100 PERSONAL FINANCE
3 cr. hrs.
This course is a survey of consumer buying practices including consumer credit, insurance, home ownership, personal investments and expenditures, buying guidelines, and consumer protection agencies. (TR)

FIN 1949 CO-OP EDUCATION TRAINING ASSIGNMENT IN FINANCE AND INVESTMENTS
1-3 cr. hrs.
A first hands-on learning activity (paid or non-paid) directly related to your academic major/career objective. (TR)

FIN 2001 PRINCIPLES OF FINANCE
3 cr. hrs.
Investment characteristics of stocks and bonds, financial analysis and planning, working capital management, capital budgeting, and securities market. Prerequisite: ACG 2001 or ACG 2021. (TR)

FIN 2949 CO-OP EDUCATION TRAINING ASSIGNMENT IN FINANCE AND INVESTMENTS
1-4 cr. hrs.
A second hands-on learning activity (paid or non-paid) directly related to your academic major/career objective. (TR)

FIN 4403 BUSINESS FINANCE
3 cr. hrs.
This is an introductory course in financial analysis and decision-making from a management perspective. Topics include financial statement analysis, financial planning, time value of money with analysis and computation tools, risk and rates of return, asset valuation, capital budgeting, and miscellaneous financial decision-making tools and methods. Prerequisite: ACG 2011, ACG 2021, or ACG 3024. (TR)

FNR 1060 ENVIRONMENTAL SCIENCE AND POLICY
3 cr. hrs.
This course will introduce basic concepts of environmental science and cover policies and regulations on current issues. The course will also review population demographics, ecosystems, wetlands, and various environmental hazards. (TR)

FNR 2905 DIRECTED STUDY IN ENVIRONMENTAL SCIENCE
1-4 cr. hrs.
A directed study in environmental science related to your academic major/career objective. (TR)

FRC 1211 CITRUS CULTURE
3 cr. hrs.
This course is an introduction to the Citrus Industry. It includes a study of taxonomy and botany, history, distribution, varieties and rootstocks, propagation, and citrus growth and development. (TR)

FRC 2905 DIRECTED STUDY IN CITRUS
1-6 cr. hrs.
A directed study in citrus related to your academic major/career objective. (TR)

FRE 1120C ELEMENTARY FRENCH I
4 cr. hrs.
This course is designed to help you acquire vocabulary, grammar, and cultural input necessary for meaningful and appropriate communication in the French language. (TR)

FRE 1121C ELEMENTARY FRENCH II
4 cr. hrs.
This course continues in the fundamentals of French grammar with the addition of the reading and writing skills.
Must complete both terms to receive credit toward graduation.
Prerequisite: FRE 1120C or equivalent. (TR)

FRE 2949 CO-OP EDUCATION TRAINING ASSIGNMENT IN FRENCH 1-4 cr. hrs.
Cooperative in education training directly related to your academic major/career objectives. (TR)

FSS 0228 FOOD PREPARATION I 60 con. hrs. 2 occ. crs.
This course provides instruction in the procedures and techniques involved in food preparation with emphasis on quality and retention of nutritive values. Kitchen organization, sanitation, and planning for production are included. Laboratory experience is provided in the production and service of meals including evaluation and controls. Corequisite: FSS 0228L. Lab Fee. (CH)

FSS 0228L FOOD PREPARATION I LAB 30-240 con. hrs. 1-8 occ. crs.
This lab provides application in the procedures and techniques involved in food preparation with emphasis on quality and retention of nutritive values. Kitchen organization, sanitation, and planning for production are included. The laboratory experience is similar to the production and service of meals in workplace situations including evaluation and controls. Corequisite: FSS 0228. (CH)

FSS 0229 FOOD PREPARATION II 60 con. hrs. 2 occ. crs.
This course is an advanced study of quantity food preparation with practical experience in preparing and serving of quantity foods included with emphasis on timing, quality, efficiency, and cost controls. Prerequisite: FSS 0228. Corequisite: FSS 0229L. Lab Fee. (CH)

FSS 0229L FOOD PREPARATION II LAB 30-240 con. hrs. 1-8 occ. crs.
This lab is an advanced application of food preparation with emphasis in preparing and serving of quality eye appealing foods with additional applications on timing, quality control, and efficiency. Prerequisite: FSS 0228L. Corequisite: FSS 0229. (CH)

FSS 0236 QUANTITY FOOD PREPARATION I 60 con. hrs. 2 occ. crs.
This course provides instruction in the preparation of quality foods with emphasis on quantity cookery by department and station. Detailed studies in raw materials, recipes, menu planning, and the use of institutional equipment are included. Prerequisite: FSS 0228. Corequisite: FSS 0236L. Lab Fee. (CH)

FSS 0236L QUANTITY FOOD PREPARATION I LAB 30-240 con. hrs. 1-8 occ. crs.
This lab provides hands-on experience in the preparation of quality foods with emphasis on quantity cookery by department and station. Corequisite: FSS 0236. (CH)

FSS 0237 QUANTITY FOOD PREPARATION II 60 con. hrs. 2 occ. crs.
Advanced instruction in quantity food preparation, banquet presentation, catering and other specialty preparations. Corequisite: FSS 0237L. Lab Fee. (CH)

FSS 0237L QUANTITY FOOD PREPARATION II LAB 30-240 con. hrs. 1-8 occ. crs.
This lab provides advanced instruction and practical application in quantity food preparation, banquet presentation, catering, and other specialty preparations. Prerequisite: FSS 0236L. Corequisite: FSS 0237. (CH)

FSS 0940L FOOD PRODUCTION AND MANAGEMENT LAB 30-180 con. hrs. 1-6 occ. crs.
Lab experiences similar to workplace situations. The experience is related to theory presented in associated courses. You will have the opportunity to apply theory and skills to both simulated lab work as well as real life situations related to the food production and management field. (CH)

GEB 1011 INTRODUCTION TO BUSINESS 3 cr. hrs.
General business terminology and understanding the agencies, methods, functions, and practices of modern business. (TR)

GEB 1949 CO-OP EDUCATION TRAINING ASSIGNMENT IN GENERAL BUSINESS 1-3 cr. hrs.
A first hands-on learning activity (paid or non-paid) directly related to your academic major/career objective. Prerequisite: GEB 1011. (TR)

GEB 2002 CAREER EXPLORATIONS IN BUSINESS 2 cr. hrs.
This course is designed to give you the opportunity to examine various careers in the business field and identify your skills and education needed for employment. An emphasis will be placed on social responsibility, corporate culture, and the impact of changes in consumer behavior. Prerequisite: GEB 1011. (TR)

GEB 2430 BUSINESS ETHICS 3 cr. hrs.
Introduces you to the important moral issues that arise in various business contexts, provide an understanding of the social, moral, and economic environments within which those problems occur, it introduces the ethical concepts relevant for resolving moral problems, and to provide you with resources for developing the necessary reasoning and analytical skills for resolving these problems. Strategies for making ethical
and responsible decisions within the context of the business environment will be emphasized. You will also discuss and review case studies to practice decision-making skills and to heighten awareness of ethical principles and dilemmas. (TR)

GEB 2949  CO-OP EDUCATION TRAINING ASSIGNMENT IN GENERAL BUSINESS 1-4 cr. hrs.
A second hands-on learning activity (paid or non-paid) directly related to your academic major/career objective. (TR)

GEB 3213  ADVANCED BUSINESS COMMUNICATION 3 cr. hrs.
Course emphasizes business writing while reviewing the various kinds of written business correspondence. Assignments will include both individual and team-written documents. You will be expected to integrate business decision making and analytical thinking skills into the content. You must be able to determine solutions to problem-based exercises. It is a writing intensive course. (TR)

GEB 4356  INTERNATIONAL BUSINESS 3 cr. hrs.
This course is designed as an overview of the principle aspects of conducting international business. Domestic and international business characteristics are compared and international political and legal environments are studied. Topics include international trade theory, foreign exchange, export and import strategies, negotiations and diplomacy, and human resource management in the global marketplace. (TR)

GEB 4891  STRATEGIC PLANNING 3 cr. hrs.
This course covers the strategic planning process from identifying and engaging internal and external stakeholders to the development of a mission statement and identification of goals, objectives and activities. Evaluation of plans and SWOT analysis are also covered. (TR)

GRA 1100  INTRODUCTION TO COMPUTER GRAPHICS 3 cr. hrs.
Instruction and practical exercises in the use of software currently utilized in the graphics industry. Concepts taught includes scanning of images, creation of graphics, and merging text with graphics. Emphasis will be placed on design, creative expression and communication. Prerequisite: ART 1201C or ART 1300C or Instructor’s Approval. Lab Fee. (TR)

GRA 1156  INTERMEDIATE COMPUTER GRAPHICS 3 cr. hrs.
This course introduces you to the technology of electronic art in the contemporary job market. Emphasis is on the development of individual skills for design studios, multimedia, illustration, and publishing. Prerequisite: CTS 2210 or GRA 1100. Lab Fee. (TR)

GRA 2157  ADVANCED COMPUTER GRAPHICS 3 cr. hrs.
This course continues to introduce you to the technology of electronic art currently in use in the contemporary job market. Emphasis will be on the development of individual skills for design studios, multimedia, illustration, publishing, and will focus on developing these job skills. Emphasis will also be on developing a portfolio and creating video and animation. Prerequisite: GRA 1156. Lab Fee. (TR)

H

HCP 0100C  NURSING ASSISTANT 165 con. hrs.  5.5 occ. crs.
Prepares you to be a nursing assistant and to work in a skilled nursing facility, hospital, nursing home, and other health care settings. Successful completion of this course allows you to take the State exam for certification. Some weekend hours are required for clinical practice. Prerequisite: Successful completion of the TABE® score of 10 or above in math and 11 or above in reading and language are required prior to enrollment. You must earn a theory grade of 75 or higher to participate in clinical experience. Lab Fee. (CH)

HCP 0330C  HOME HEALTH AIDE 75 con. hrs.  2.5 occ. crs.
This course will provide you with instruction in basic infection control, first aid, CPR heart saver level, vital signs, home care skills, and client care skills. Lab activities include safety procedures employed while using equipment and materials related to care of the client. Clinical experience provides you the opportunity to practice and demonstrate procedures associated with bedside client care. Prerequisite: HSC 0003C. Lab Fee. (CH)

HCP 0940  PHLEBOTOMY PRACTICUM 75 con. hrs.  2.5 occ. crs.
You will be assigned to medical facilities where you will practice venipuncture and capillary puncture on clinical patients under close preceptor supervision. Corequisite: MLT 0043C. Lab Fee. (CH)

HIM 0001C  INTRODUCTION TO HEALTH INFORMATION MANAGEMENT 64 con. hrs.  2.13 occ. crs.
This course examines the essentials of the health information management principles and practices. You must pass this course with a grade of C or higher. Corequisites: HIM 0009C, HIM 0220C, HIM 0450C, HIM 0473C, and OCA 0100 or Instructor’s Approval. Lab Fee. (CH)

HIM 0009C  INTRODUCTION TO HEALTH INFORMATION TECHNOLOGY 90 con. hrs.  3 occ. crs.
This course introduces you to health informatics and information management. You will learn about the health care delivery systems, communication skills, legal and ethical responsibilities, HIPAA, security threats and controls, access, use and disclosure/release of health information management, risk and quality management, corporate compliance and medical staff organization. You must pass this course with a grade of C or higher. Corequisites: HIM 0001C, HIM 0220C, HIM 0450C, HIM 0473C, and OCA 0100 or Instructor’s Approval. Lab Fee. (CH)
HIM 0220C ICD CODING SYSTEMS  
150 con. hrs.  5 occ. crs.  
You will learn how to code using all current coding systems. Explain coding concepts in addition to coverage of reimbursement, ICD-9-CM, CPT, HCPCS, and inpatient coding, in addition to ICD-10-CM. You must pass this course with a grade of C or higher. Corequisites: HIM 0001C, HIM 0009C, HIM 0450C, HIM 0473C, and OCA 0100 or Instructor’s Approval. Lab Fee.  (CH)

HIM 0250C AMBULATORY CARE CODING SYSTEMS  
60 con. hrs.  2 occ. crs.  
You will have a foundation in Current Procedural Terminology (CPT-4) coding principles. The course will involve activities in which medical record professional codes and classify procedures in CPT are used for standardization, retrieval and statistical analysis. You must pass this course with a grade of C or higher. Corequisites: HIM 0001C, HIM 0009C, HIM 0220C, HIM 0450C, HIM 0473C, and OCA 0100 or Instructor’s Approval. Corequisites: HIM 0274C, HIM 0280C, HIM 0290C, HIM 0434C, and HIM 0474C or Instructor’s Approval. Lab Fee.  (CH)

HIM 0274C HEALTHCARE BILLING AND REIMBURSEMENT  
120 con. hrs.  4 occ. crs.  
This course is designed to advance your knowledge of medical insurance and coding. Additionally, you will be introduced to reimbursement, inquiries, fraud and abuse, revenue cycle management, value based purchasing and appeals. All forms of healthcare are studied including Managed Care, Worker’s Compensation, Disability, Medicare and Medicaid. You must pass this course with a grade of C or higher. Prerequisites: HIM 0001C, HIM 0009C, HIM 0220C, HIM 0450C, HIM 0473C, and OCA 0100 or Instructor’s Approval. Corequisites: HIM 0274C, HIM 0280C, HIM 0290C, HIM 0434C, and HIM 0474C or Instructor’s Approval. Lab Fee.  (CH)

HIM 0280C PHYSICIAN CODING  
60 con. hrs.  2 occ. crs.  
This course examines coding, data quality and physician billing. You will learn to read and interpret physician office documentation. Emphasis is placed on assigning Evaluation and Management (E/M) codes, outpatient diagnostic coding guidelines, Current Procedural Coding (CPT), and Health Care Financing Administration Common Procedure Coding Systems (HCPCS) codes. You must pass this course with a grade of C or higher. Prerequisites: HIM 0001C, HIM 0009C, HIM 0220C, HIM 0450C, HIM 0473C, and OCA 0100 or Instructor’s Approval. Corequisites: HIM 0250C, HIM 0274C, HIM 0280C, HIM 0290C, HIM 0434C, and HIM 0474C or Instructor’s Approval. Lab Fee.  (CH)

HIM 0290C ADVANCED CODING SYSTEMS  
90 con. hrs.  3 occ. crs.  
This is an advanced course in ICD, CPT and HCPCS coding systems, you will learn guidelines and applications to more complex case studies and health records according to current ethical standards of practice, inpatient and outpatient prospective payment systems, encoding software and grouper practice applications. You must pass this course with a grade of C or higher. Prerequisites: HIM 0001C, HIM 0009C, HIM 0220C, HIM 0450C, HIM 0473C, and OCA 0100 or Instructor’s Approval. Corequisites: HIM 0250C, HIM 0274C, HIM 0280C, HIM 0434C, and HIM 0474C or Instructor’s Approval. Lab Fee.  (CH)

HIM 0434C PRINCIPLES OF DISEASE  
86 con. hrs.  2.87 occ. crs.  
This is an introductory course in etiology and pathology associated with common diseases in each of the body systems and the interaction among systems from these conditions. Emphasis will be applied on the application of this knowledge when performing medical coding. You must pass this course with a grade of C or higher. Prerequisites: HIM 0001C, HIM 0009C, HIM 0220C, HIM 0450C, HIM 0473C, and OCA 0100 or Instructor’s Approval. Corequisites: HIM 0250C, HIM 0274C, HIM 0280C, HIM 0290C, and HIM 0474C or Instructor’s Approval. Lab Fee.  (CH)

HIM 0450C ANATOMY AND PHYSIOLOGY FOR MEDICAL CODING  
64 con. hrs.  2.13 occ. crs.  
This course will provide you with an introduction to anatomy and physiology, human structure and function. This course connects human diseases and disorders to anatomy and physiology. A body system approach will be utilized. You must pass this course with a grade of C or higher. Corequisites: HIM 0001C, HIM 0009C, HIM 0220C, HIM 0473C, and OCA 0100 or Instructor’s Approval. Lab Fee.  (CH)

HIM 0473C MEDICAL TERMINOLOGY I FOR MEDICAL CODING  
64 con. hrs.  2.13 occ. crs.  
This course is part I of II. You will have a foundation in the structure of medical terms with emphasis on spelling, pronunciation and definition, using a body system approach. You will also learn medical terms related to major disease processes, diagnostic procedures, laboratory tests, abbreviations, drugs and treatment modalities. You must pass this course with a grade of C or higher. Corequisites: HIM 0001C, HIM 0009C, HIM 0220C, HIM 0450C, and OCA 0100 or Instructor’s Approval. Lab Fee.  (CH)

HIM 0474C MEDICAL TERMINOLOGY II FOR MEDICAL CODING  
64 con. hrs.  2.13 occ. crs.  
This course is the continuation of Medical Terminology I for Medical Coding. You will have a foundation in the structure of medical terms with emphasis on spelling, pronunciation and definition, using a body system approach. You will learn medical terms related to major disease processes, diagnostic procedures, laboratory tests, abbreviations, drugs and treatment modalities. You must pass this course with a grade of C or higher. Prerequisites: HIM 0001C, HIM 0009C, HIM 0220C, HIM 0450C, HIM 0473C, and OCA 0100 or Instructor’s Approval. Corequisites: HIM 0250C, HIM 0274C, HIM 0280C, HIM 0290C, and HIM 0434C or Instructor’s Approval. Lab Fee.  (CH)
HIM 0817 MEDICAL CODER-BILLER PRACTICE EXPERIENCE 150 con. hrs. 5 occ. crs.
This course is an advanced coding/billing professional practice. You will learn coding and abstracting of inpatient and outpatient records. Emphasis will be placed on compliance, quality, improving accuracy and productivity. NOTE: This is the last course in the program and all courses in the program must be completed with a grade of C or higher prior to taking this course. Prerequisites: HIM 0001C, HIM 0009C, HIM 0220C, HIM 0250C, HIM 0274C, HIM 0280C, HIM 0290C, HIM 0434C, HIM 0450C, HIM 0473C, HIM 0474C, and OCA 0100 or Instructor’s Approval. (CH)

HIM 2012 HEALTH LAW CONCEPTS AND PRACTICES 2 cr. hrs.
This course is an in-depth study of the federal, State and local laws which govern the preparation and use of medical records in the health care delivery system. Topics include the medical record as a legal document and release of information. (TR)

HIM 2223 INTRODUCTION TO CODING AND REIMBURSEMENT SYSTEMS 2 cr. hrs.
This course will review the various medical coding systems used for reimbursement of healthcare services and focus primarily on international classification of diseases (ICD) and current procedural terminology (CPT) coding systems utilized by hospitals, clinics, and physician offices. Various reimbursement methodologies including diagnosis related groups (DRGS), ambulatory payment classification groups (APCS), and resource-based relative value scale (RBRVS) will be addressed. The use of computer software and systems such as encoders, charge master and revenue cycle tools, and electronic billing processes to support accurate and efficient coding, billing, and reimbursement operations will also be covered. (TR)

HIM 2510 QUALITY AND PERFORMANCE IMPROVEMENT 2 cr. hrs.
This course is an introduction to health care quality and performance improvement. An introduction is also provided in compliance, utilization management, risk management, and credentialing. (TR)

HIM 2652 ELECTRONIC HEALTH/MEDICAL RECORD SYSTEMS 2 cr. hrs.
This course addresses information systems theory, electronic health/medical record concepts and associated infrastructure and applications, as well as strategic planning and implementation of health/medical record information systems. Additional issues to be covered include legal, ethical, and regulatory concepts, privacy and security requirements, best practices, and future trends. (TR)

HIS 1949 CO-OP EDUCATION TRAINING ASSIGNMENT IN HISTORY 1-3 cr. hrs.
A first hands-on learning activity (paid or non-paid) directly related to your academic major/career objective. (TR)

HIS 2905 DIRECTED INDEPENDENT STUDY IN HISTORY-LOCAL HISTORY 1-3 cr. hrs.
A directed independent study that emphasizes topics of local historical interest. Instructor’s Approval required. (TR)

HIS 2949 CO-OP EDUCATION TRAINING ASSIGNMENT IN HISTORY 1-3 cr. hrs.
A second hands-on learning activity (paid or non-paid) directly related to your academic major/career objective. (TR)

HOS 1010 INTRODUCTION TO PLANT SCIENCE 3 cr. hrs.
A basic study of plant science fundamentals and their relationship to agriculture crop production. Topics include plant growth and development, structure, classification, origin, propagation, influence of climate, reproduction, photosynthesis, respiration, and nutrition. (TR)

HSA 1100 HEALTHCARE DELIVERY SYSTEMS 3 cr. hrs.
This course is an introduction to health care facilities and health delivery systems including their purpose, organization, general functions and staffing. Facilities such as hospitals, nursing and rehabilitation centers, health maintenance organizations, private and public outpatient clinics and health care centers are analyzed and discussed. Additional topics include an overview of accreditation standards; licensure agencies, reimbursement systems, legal/ethical issues, healthcare computerization, documentation, quality, compliance, and regulatory requirements. (TR)

HSA 1102 CURRENT ISSUES IN HEALTH 2 cr. hrs.
The course is designed for the organized presentation of current issues within the health care system. Emphasis focuses on diverse areas of health and is appropriate for persons directly or indirectly involved in provision of health care or health education. (TR)

HSA 2001 INTERPROFESSIONAL TEAM-BASE HEALTHCARE 2 cr. hrs.
This course introduces you to interprofessional health care delivery. Best practices are emphasized for team formation, effective communication strategies, and patient care processes. Ethical issues related to team management in health care are discussed. (TR)

HSA 2182 HEALTH SERVICES MANAGEMENT CONCEPTS 2 cr. hrs.
This course covers the knowledge and basic skills required to enter the field of medical office management. The course focuses on health care delivery in a medical office setting. Topics include an introduction to health care management information systems, an introduction to essential policies and regulations, and an introduction to evaluation of performance and process outcomes. (TR)
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Cr. Hrs.</th>
<th>Description</th>
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<tbody>
<tr>
<td>HSC 0003</td>
<td>INTRODUCTION TO HEALTHCARE - Deleted</td>
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<tr>
<td>HSC 0003C</td>
<td>INTRODUCTION TO HEALTHCARE</td>
<td>90</td>
<td>This course provides rigorous content aligned with challenging academic standards and relevant technical knowledge and skills necessary for entry into a course of study within the Health Sciences. Successful completion of the course prepares you to enter a variety of programs that provide opportunities for certification for employment. Laboratory activities are an integral part of the course. Instruction includes the healthcare delivery system, as well as communication skills, safety, health promotion, and legal/ethical issues. This course also fulfills the State mandatory four hour blood borne pathogens (HIV/AIDS) requirement. *For Completion Point B (Practical Nursing Program) enrollment, this course must be successfully completed within the prior two years of the start of the program.  (CH)</td>
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<tr>
<td>HSC 0405C</td>
<td>CPR FOR HEALTHCARE PROVIDERS</td>
<td>8</td>
<td>A Basic Life Support (BLS) course designed to provide a wide variety of healthcare professionals the ability to recognize several life-threatening emergencies, provide CPR, use an AED, and relieve choking in a safe, timely and effective manner. The course is intended for certified or noncertified, licensed or non-licensed healthcare professionals. Lab Fee. (CH)</td>
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<tr>
<td>HSC 1149</td>
<td>GENERAL PHARMACOLOGY FOR HEALTH PROFESSIONALS</td>
<td>1</td>
<td>This course will provide you with a basic introduction to pharmacology concepts and principles associated with management of common diseases and treatment options. It presents information on major drug classifications, indications for use of common medications, and potential contraindications adversely affecting medical care outcomes. (TR)</td>
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<tr>
<td>HSC 1230C</td>
<td>METHODS OF PATIENT CARE</td>
<td>3</td>
<td>This course provides the concepts of optimal patient care, including consideration for the physical and psychological needs of the patient and family. Routine and emergency patient care procedures are described, as well as infection control procedures using standard precautions. The role of the radiographer in patient education is identified. Prerequisite: Program Admission. Corequisite: RTE 1503C. Lab Fee. (TR)</td>
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<tr>
<td>HSC 1532</td>
<td>MEDICAL TERMINOLOGY</td>
<td>3</td>
<td>This course will introduce you to the medical language used by healthcare professionals. You will also be introduced to principles of medical word structure, abbreviations, definitions, and major disease processes. (TR)</td>
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<tr>
<td>HSC 1949</td>
<td>CO-OP EDUCATION TRAINING ASSIGNMENT IN HEALTH SCIENCE</td>
<td>1-3</td>
<td>A first hands-on learning activity (paid or non-paid) directly related to your academic major/career objective. (TR)</td>
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<tr>
<td>HSC 2100</td>
<td>PERSONAL HEALTH</td>
<td>3</td>
<td>A general study of the concepts of health relative to your personal health as well as the overall consequences to society, with a specific emphasis upon the constant challenge of stress and its management, psychological health, the use and abuse of psychoactive drugs, the responsible use of alcohol, a tobacco-free society, nutrition basics, exercise for health and fitness, weight management, cardiovascular health, cancer, sexually transmitted diseases, and the health care system in American society. (TR)</td>
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<tr>
<td>HSC 2200</td>
<td>COMMUNITY HEALTH</td>
<td>3</td>
<td>A general study of the concepts of health relative to the consequences to the general society (community) as well as to your personal health, with a specific emphasis upon the challenges of intimate relationships, immunity and infection, sexually transmitted diseases, cardiovascular health, cancer, the use and abuse of psychoactive drugs, personal safety, aging, dying and death, health care, and environmental health in the American society. (TR)</td>
</tr>
<tr>
<td>HSC 2721</td>
<td>EVIDENCE-BASED HEALTHCARE PRACTICE</td>
<td>1</td>
<td>This course focuses on providing you with the comprehensive knowledge and skill base needed to make evidence-based decisions. Methods of critical evaluation of data needed to support planning, implementation, and evaluation will be emphasized. You will address concerns in the professional work setting by analyzing decisions made through use of evidence. (TR)</td>
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<tr>
<td>HSC 2810</td>
<td>PROFESSIONAL PRACTICE EXPERIENCE</td>
<td>1-2</td>
<td>This course provides an opportunity for you to observe basic principles and techniques of managers in a healthcare setting. You will be able to apply knowledge from previous health services management courses when completing course assignments. This course has a service learning component at an area health care agency. (TR)</td>
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<tr>
<td>HSC 2949</td>
<td>CO-OP EDUCATION TRAINING ASSIGNMENT IN HEALTH SCIENCE</td>
<td>1-4</td>
<td>A second hands-on learning activity (paid or non-paid) directly related to your academic major/career objective. (TR)</td>
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<td>HUM 1949</td>
<td>CO-OP EDUCATION TRAINING ASSIGNMENT IN HUMANITIES</td>
<td>1-3</td>
<td>A first hands-on learning activity (paid or non-paid) directly related to your academic major/career objective. (TR)</td>
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<tr>
<td>HUM 2020</td>
<td>INTRODUCTION TO HUMANITIES</td>
<td>3</td>
<td>In this single-term course, you will study the products and processes of human cultural activity with specific emphasis on religion, philosophy, drama, epic and lyric poetry, sculpture, architecture, painting, and music. These accomplishments developed out of particular systems of government, economic</td>
</tr>
</tbody>
</table>
and geographic conditions, so you will also become familiar with these aspects and their impact on cultural output. The time-frame covered is from pre-history to the present day. You are required to demonstrate college-level English skills through multiple assignments and earn a grade of C or higher in this course. Prerequisite: Successful completion of ENC 1101 with a grade of C or higher. (CORE) (G.E.) (TR)

HUM 2210 HUMANITIES SURVEY I 3 cr. hrs.
Humanities I is a survey of the literature, fine arts, religion, philosophy, and music of western civilizations from its historical beginnings to the early Renaissance. If entering Humanities Survey I, you are expected to have basic skills in grammar, syntax, punctuation, and spelling, as well as a concept of critical analysis and argumentative writing. You are required to demonstrate college-level English skills through multiple assignments and earn a grade of C or higher in this course. Prerequisite: Successful completion of ENC 1101 with a grade of C or higher. (CORE) (G.E.) (TR)

HUM 2220 HUMANITIES SURVEY II 3 cr. hrs.
Humanities II is a survey of the literature, fine arts, religion, philosophy, and music of our civilizations from the Renaissance to present. Before entering Honors Humanities Survey II, you are expected to have good writing and critical thinking skills, as a result of having completed Freshman English (ENC 1101). Furthermore, you will show an independence of thinking and will engage actively with the material and participate in your own learning. You are required to demonstrate college-level English skills through multiple assignments and earn a grade of C or higher in this course. Prerequisite: Successful completion of ENC 1101 or Honors ENC 1101 with a grade of C or higher. Offered fall term. (G.E.) (TR) (DV)

HUM 2701 HUMANITIES OVERSEAS STUDY 1-6 cr. hrs.
You will study of cultural aspects of other countries both in the classroom setting and on-site visits, giving special attention to cross-cultural influences. You will survey major expressions of art, music, literature, drama, architecture, philosophy, and religions of the geographic sites visited. You must sign and adhere to a code of conduct and complete all discipline related assignments while traveling. (TR)

HUM 2949 CO-OP EDUCATION TRAINING ASSIGNMENT IN HUMANITIES 1-4 cr. hrs.
A second hands-on learning activity (paid or non-paid) directly related to your academic major/career objective. (TR)

HUM 1201 NUTRITION 3 cr. hrs.
This course is designed to provide the fundamental principles and practices that are essential in basic nutrition to maintain health, to prevent disease, provide appropriate nutrition throughout all the stages of life, and to provide an understanding of the major illnesses and disease states resulting from a lack of proper nutrition, including energy imbalance. It also presents background and information for the application of nutrition for your personal needs, principles of learning and teaching nutrition, and information for the selection of food required to meet the physiological and psychological needs of an individual and to conform to his/her socio-economic background. (TR)

IDH 1107 HONORS THE COMPETITIVE EDGE 1 cr. hr.
This Phi Theta Kappa – sponsored course includes both study and practice of leadership styles and behaviors. You will learn to identify and enhance your own leadership skills. Required for graduation with the Honors Program endorsement. Includes a major service learning component. Offered spring term. Instructor or Honors Counselor’s Approval. (G.E.) (TR)

IDH 1921 HONORS SYMPOSIUM I - VI 1-3 cr. hrs.
An interdisciplinary, variable-topic seminar emphasizing self-directed student research, class discussion, and oral presentations. Each Honors Seminar is individually designed by its instructor and has a different topic and content. This seminar is titled “Ever-Evolving Higher Education” and focuses on subjects dominating the higher education dialogue
IDH 2001-06 HONORS SEMINAR I - VI 1-3 cr. hrs.
An interdisciplinary, variable-topic seminar emphasizing self-directed student research, class discussion, and oral presentations. Past topics have included “Enlightenment and Modernity,” “Science Fiction through Literature and Film,” “Doing Business in a Global Culture,” “Images of Africa,” and “Shakespeare’s Life and Times.” One Honors Seminar is required for graduation with the Honors Program endorsement. You are required to demonstrate college-level English skills through multiple assignments and earn a grade of C or higher in this course. Prerequisite: Successful completion of ENC 1101 with a grade of C or higher. Offered fall and spring term. (G.E.) (TR)

IDH 2930-39 SPECIAL TOPICS IN INTERDISCIPLINARY HONORS 1-4 cr. hrs.
Special topics centering on current interest in interdisciplinary honors. Topics may vary from term to term. (TR)

IDS 1949  CO-OP EDUCATION TRAINING ASSIGNMENT IN ECOLOGY 1-3 cr. hrs.
A first hands-on learning activity (paid or non-paid) directly related to your academic major/career objective. (TR)

IDS 2949  CO-OP EDUCATION TRAINING ASSIGNMENT IN ECOLOGY 1-4 cr. hrs.
A second hands-on learning activity (paid or non-paid) directly related to your academic major/career objective. (TR)

INR 2002 INTERNATIONAL RELATIONS 3 cr. hrs.
This course introduces you to the politics of relationships between countries, groups of countries and non-state actors such as terrorists, multinational corporations, and nongovernmental organizations. This course will also introduce you to the history and theory of international relations, the causes of war, the role of the international economy and globalization, and the role of individuals and individual nation states. Research projects, analysis and discussion of contemporary issues will be emphasized. Offered online and face-to-face formats. (G.E.) (TR)

IPM 2671 PRINCIPLES OF PEST MANAGEMENT 3 cr. hrs.
This course is an introduction to various pest management topics including categories of insects and diseases, an identification of common plant pests and corrective measures, integrated pest management strategies, and proper handling, storage and safety precautions for pesticide use. (TR)

ISM 4011 INTRODUCTION TO MANAGEMENT INFORMATION SYSTEMS 3 cr. hrs.
This course provides a study of the language, concepts, structures, and processes involved in management of information systems, including fundamentals of computer-based technology and the use of business-based software for support of managerial decisions. Prerequisite: CGS 1100C or equivalent. (TR)

ISS 2905 DIRECTED FIELD STUDY IN SOCIAL SCIENCE 1-3 cr. hrs.
Overseas study course. Pre-tour instruction, student prepared topics, journals, and post-tour papers are required. (TR)(DV)

J

JOU 1100 JOURNALISM I 3 cr. hrs.
A study of the profession of journalism and of the theory and practice of writing news including practical experience in gathering and writing both news and feature stories. Offered on Demand. (TR)

L

LAE 3314 LANGUAGE ARTS IN THE ELEMENTARY SCHOOL 3 cr. hrs.
This course introduces fundamental concepts and questions about oral and written language as it relates to classroom instruction and assessment, and provides you with opportunities to practice strategies and techniques for planning, teaching, and assessing literacy. It covers a wide range of literature, as well as the writing process and concepts to develop the methods and organization skills for teaching reading, writing, listening, and speaking in the elementary school. (TR)

LAE 3414 LITERATURE FOR CHILDREN 3 cr. hrs.
This course will provide you with opportunities to survey, select, and use children’s literature in elementary schools. The course includes various authors and illustrators in such genres as the oral tradition, fantasy, realistic and historical fiction, poetry, and the picture book. Prerequisite: Program Admission. (TR)

LDE 2402 LANDSCAPE DESIGN 3 cr. hrs.
This course studies the basic principles of landscape design, including project planning, soil and site preparation, drawing, irrigation and drainage systems, and plant installation. In addition, course will include a discussion of special problems and trends in the landscaping industry. Prerequisite: HOS 1010. (TR)

LDR 2001 INTRODUCTION TO LEADERSHIP 3 cr. hrs.
This course is an introductory leadership course with an emphasis on traits, values, characteristics and developmental tasks that are the foundation for leadership. A primary goal of this course is for you to gain a greater sense of self-awareness as a basis for developing your own leadership skills. Focus will be placed on implementing change, vision, diversity, emotional intelligence, and leadership. By the end of the course, you will be able to assess the fundamental characteristics they possess which prepare you for leadership, as well as those areas in which you may need to improve and further develop your skills. (TR)
LIT 1949 CO-OP EDUCATION TRAINING ASSIGNMENT IN LIBRARY SCIENCE 1-3 cr. hrs.
A first hands-on learning activity (paid or non-paid) directly related to your academic major/career objective. (TR)

LIS 2004 RESEARCH STRATEGIES FOR COLLEGE STUDENTS 1 cr. hr.
This is a one-credit hour distance learning course. This course is delivered via the World Wide Web and internet email. The course focuses on methods of accessing information resources available through the internet. You will learn how to design effective search strategies, retrieve, evaluate, and cite internet resources. (TR)

LIS 2949 CO-OP EDUCATION TRAINING ASSIGNMENT IN LIBRARY SCIENCE 1-4 cr. hrs.
A second hands-on learning activity (paid or non-paid) directly related to your academic major/career objective. (TR)

LIT 2000 INTRODUCTION TO LITERATURE: THEMATIC AND CRITICAL APPROACHES 3 cr. hrs.
This sophomore-level course develops your understanding of genre, including fiction, drama, and poetry. You will study great works of world literature in order to analyze, discuss, and interpret them. You will use thematic and critical readings to understand the works better. You are required to demonstrate college-level English skills through multiple assignments and earn a grade of C or higher in this course. Prerequisite: Successful completion of ENC 1101 with a grade of C or higher; ENC 1102 recommended. (CORE) (G.E.) (TR)

LIT 2110 WORLD LITERATURE I 3 cr. hrs.
This course is a survey of major periods and forms in literature from the Greek and Roman classics through the Renaissance; distinctive characteristics of each style or genre, as well as cultural background of each period are emphasized. You are required to demonstrate college-level English skills through multiple assignments and earn a grade of C or higher in this course. Prerequisite: Successful completion of ENC 1101 with a grade of C or higher; ENC 1102 recommended. (G.E.) (TR) (DV)

LIT 2110 HONORS WORLD LITERATURE I 3 cr. hrs.
A survey of literature composed before 1500 in the diverse cultures and civilizations of the world. Myths, legends, oral compositions and written works may be studied. The distinctive characteristics of each kind of work are emphasized, along with the work’s relationship to the culture which produced it. The course is taught seminar-style; students are expected to participate vigorously in discussion and to make a substantial oral presentation during the course. You are required to demonstrate college-level English skills through multiple assignments and earn a grade of C or higher in this course. Prerequisite: Successful completion of ENC 1101 with a grade of C or higher; ENC 1102 strongly recommended. (G.E.) (TR) (DV)

LIT 2120 WORLD LITERATURE II 3 cr. hrs.
This course is a survey of major periods and types of literature from the Renaissance to the present day. Cultural backgrounds, trends, and genre and style characteristics are emphasized. You are required to demonstrate college-level English skills through multiple assignments and earn a grade of C or higher in this course. Prerequisite: Successful completion of ENC 1101 with a grade of C or higher. (G.E.) (TR) (DV)

LIT 2120 HONORS WORLD LITERATURE II 3 cr. hrs.
A study of twentieth century non-Western Literature which presents an opportunity for an understanding of global cultures through consideration of a rich diversity of texts and analysis of their literary, cultural, and human significance. You are required to demonstrate college-level English skills through multiple assignments and earn a grade of C or higher in this course. Prerequisite: Successful completion of ENC 1101 with a grade of C or higher; ENC 1102 strongly recommended. Offered spring term. (G.E.) (TR) (DV)

LIT 2930 SPECIAL TOPICS IN LITERATURE 1-4 cr. hrs.
A course which allows for a focused study in literature so that you may conduct an in-depth study of a special topic selected by the instructor. (TR)

MAC 1105 COLLEGE ALGEBRA 3 cr. hrs.
Basic principles of algebra including algebraic expressions; equations and inequalities; rational, exponential, and logarithmic functions; techniques of graphing; quadratics and conic sections. Prerequisite: MAT 1033 with a grade of C or higher, or satisfactory score on placement test. (CORE) (G.E.) (TR)

MAC 1114 PLANE TRIGONOMETRY 3 cr. hrs.
Trigonometric functions and their inverses, trigonometric identities and conditional equations, vectors and complex numbers, techniques of graphing, solutions of triangles, and practical applications of trigonometry. Prerequisite: MAC 1105 with a grade of C or higher; geometry recommended. (G.E.) (TR)

MAC 1140 PRECALCULUS ALGEBRA 3 cr. hrs.
Topics included are properties and graphs of polynomial and rational functions, polynomial and rational inequalities, properties and graphs of exponential and logarithmic functions, piecewise defined functions, matrices and determinants, sequences and series, mathematical induction, and the binomial theorem. Prerequisite: MAC 1105 and MAC 1114 with a grade of C or higher. (G.E.) (TR)

MAC 1147 PRECALCULUS ALGEBRA/TRIGONOMETRY 5 cr. hrs.
This course is an accelerated one term course covering the primary topics of both MAC 1140 and MAC 1114. This fast
MAC 2233  CALCULUS FOR BUSINESS AND SOCIAL SCIENCES  3 cr. hrs.
This course is designed for you, if you are majoring in business, economics, and social sciences. Topics include functions; limits; differentiation and integration of algebraic, exponential, and logarithmic functions; and an emphasis on applications in business and social sciences. Prerequisite: MAC 1105 with a grade of C or higher. (G.E.) (TR)

MAC 2311  CALCULUS I WITH ANALYTIC GEOMETRY  4 cr. hrs.
This course is designed for you if you have mastered the concepts of college algebra and trigonometry. Topics include functions, graphing, continuity, derivatives, integrals, analytical geometry, and applications. Prerequisites: MAC 1114 and MAC 1140 with grades of C or higher, or MAC 1147 with a grade of C or higher. Offered fall or spring terms. (CORE) (G.E.) (TR)

MAC 2311  HONORS CALCULUS I WITH ANALYTIC GEOMETRY  4 cr. hrs.
This course is designed for you if you have mastered the concepts of college algebra and trigonometry. Topics include functions, graphing, continuity, derivatives, integrals, analytical geometry, and applications. Prerequisites: MAC 1114 and MAC 1140 with grades of C or higher, or MAC 1147 with a grade of C or higher. (CORE) (G.E.) (TR)

MAC 2312  CALCULUS II  4 cr. hrs.
This course includes applications of the definite integral (arc length, volume, area between curves, and physical applications), differential and integration of transcendental functions, techniques of integration including by parts, partial fractions, trigonometric substitutions, improper integrals, and numerical integrations, and sequences and series. Offered fall and spring terms. Prerequisite: MAC 2311 with a grade of C or higher. (G.E.) (TR)

MAC 2313  CALCULUS III  4 cr. hrs.
This course includes differentiation and integration of functions in multiple variables, vectors and their applications in the plane and in space, differentiation, integration, and applications of vector functions, analytic geometry, calculus applications of parametric and polar curves (including conic sections), partial derivatives, and multiple integrals. Offered fall term. Prerequisite: MAC 2312 with a grade of C or higher. (G.E.) (TR)

MAC 2930  SELECTED TOPICS IN MATHEMATICS  1-4 cr. hrs.
Selected topics centering on current interest in mathematics. Topics may vary from term to term. (TR)

MAE 4314  HOW CHILDREN LEARN MATHEMATICS  3 cr. hrs.
This course will cover strategies, techniques, and procedures for teaching and assessing mathematics in elementary grades. Corequisite: EDE 4942. (TR)

MAN 1930  SPECIAL TOPICS IN MANAGEMENT  3 cr. hrs.
Special topics centering on current interest in management. Topics may vary from term to term. (TR)

MAN 1942  SUPPLY CHAIN MANAGEMENT INTERNSHIP  1-4 cr. hrs.
This course provides a selected and planned work based experience that will provide you with an opportunity to enhance workplace skills through a supervised practical experience related to supply chain management. Prerequisites: MAN 2043, TRA 1154 and TRA 2230. (TR)

MAN 1949  CO-OP EDUCATION TRAINING ASSIGNMENT IN MANAGEMENT  1-3 cr. hrs.
A first hands-on learning activity (paid or non-paid) directly related to your academic major/career objective. Prerequisite: MAN 2043. (TR)

MAN 2021  PRINCIPLES OF MANAGEMENT  3 cr. hrs.
This course is designed to enable you to become familiar with the basic functions of management: planning, organizing, staffing, leading, and controlling. (TR)

MAN 2043  PRINCIPLES OF QUALITY MANAGEMENT  3 cr. hrs.
This course will provide you with the history, principles, techniques, and current practices related to quality and business process improvement. Topics will include team management group processes, performance measures, customer satisfaction, and problem-solving. This course will also explore how various tools are implemented to aid in quality management and process improvement process. (TR)

MAN 2500  OPERATIONS MANAGEMENT  3 cr. hrs.
This course introduces you to operations management techniques including application to functional areas of the business enterprise and operations control. Topics include design and management of productions operations, including productivity, strategy, capacity planning, location, layout, resources management, Just-in-time systems, materials requirement planning, and project management. (TR)

MAN 2949  CO-OP EDUCATION TRAINING ASSIGNMENT IN MANAGEMENT  1-3 cr. hrs.
A second hands-on learning activity (paid or non-paid) directly related to your academic major/career objective. (TR)
MAN 3240  ORGANIZATIONAL BEHAVIOR  3 cr. hrs.
This course investigates the study of individual and group behavior in organizations including motivation, conflict, work stress, power, politics and other challenges of leadership. Emphasis is on ethics, leadership, communication, and decision-making. (TR)

MAN 3301  HUMAN RESOURCE MANAGEMENT  3 cr. hrs.
This course examines all aspects of human resources including job descriptions, workforce planning, training, development of policies and procedures, reward systems, and due process relative to personnel management. Employment laws and labor relations will also be covered. Prerequisite: MAN 2021 or Instructor's Approval. (TR)

MAN 3303  LEADERSHIP AND MANAGEMENT PRACTICES  3 cr. hrs.
This course presents concepts, principles, and techniques of business leadership. Emphasis will be on developing a solid leadership foundation while centering on the real themes, demands, and opportunities of an evolving and dynamic business workplace. This course will incorporate basic leadership skill development as it relates to the core aspects of the management practice. (TR)

MAN 3504  OPERATIONS MANAGEMENT  3 cr. hrs.
This course describes the scope of operations management and how it pertains to the whole organization. Quantitative principles and techniques to effective planning and utilization of resources in the operations of manufacturing, research and services are emphasized. (TR)

MAN 4045  EFFECTIVE TEAM MANAGEMENT  3 cr. hrs.
This course examines team building, two-way communication and feedback; participative management techniques concerning motivation, small group processes, and group decision support; attracting and retaining quality personnel. The course also covers skills in writing employee evaluations, responsibility, authority, accountability, initiative, creativity, communication upward and downward, people management strategies, and recognition and reward. (TR)

MAN 4120  INTERPERSONAL DYNAMICS  3 cr. hrs.
This course is a study of the psychological and sociological dimensions of intergroup relations. Attention to the problems experienced by subgroups in large and small organizations with particular reference to ethnic, racial, and subcultural groups is covered as well as the roles and responsibilities of management in the constructive resolution and utilization of inter-group conflict in organizations. (TR)

MAN 4342  SUPERVISORY SKILLS  3 cr. hrs.
In this course, you will study the changing responsibilities of first-level supervisors. Topics include high-quality management, multicultural diversity, dealing with unions, equal opportunity legislation, discipline procedures, and organizational ethics and politics. (TR)

MAN 4583  PROJECT MANAGEMENT AND PLANNING  3 cr. hrs.
This class is a general introductory class in project management designed to give you an exposure in general project management concepts. This course is meant to provide you with a framework on which to build project management knowledge that relates to your own specific subset of knowledge. (TR)

MAN 4900  CAPSTONE: SUPERVISION AND MANAGEMENT  3 cr. hrs.
This course focuses on the integration of knowledge, skills, and abilities learned in the program through a capstone project. This course should be completed during the last 12 credits of the program prior to graduation. The capstone experience project requires approval by the program manager. (TR)

MAP 2302  DIFFERENTIAL EQUATIONS  3 cr. hrs.
The course covers the basic methods and fundamental theorems of ordinary differential equations with applications in the natural sciences and engineering. Topics include: solutions of first order differential equations of various types, including separable, exact, homogeneous, linear and Bernoulli equations; solutions of second order linear differential equations; solutions by series; “Laplace” transforms; numerical methods; and systems of linear differential equations. Prerequisite: MAC 2312 with a grade of C or higher. Only offered in spring term. (G.E.) (TR)

MAR 2011  PRINCIPLES OF MARKETING  3 cr. hrs.
This course is a mid-management approach to functions and institutions including analysis of demand, product planning, market segmentation, distribution, retailing, wholesaling, advertising, sales promotion, pricing, and market research. (TR)

MAR 2930  SELECTED TOPICS IN MARKETING  1-4 cr. hrs.
Selected topics centering on current or special interest in marketing. Topics may vary from term to term. (TR)

MAR 2949  CO-OP EDUCATION TRAINING ASSIGNMENT IN MARKETING/MID-MANAGEMENT  1-4 cr. hrs.
Cooperative in education training directly related to your academic major/career objectives. (TR)

MAR 4802  MARKETING FOR MANAGERS  3 cr. hrs.
This course helps develop the marketing knowledge and skills necessary for the successful management of an organization. You will research and discuss marketing concepts including the development and execution of marketing strategies. The course focuses on formulating a marketing strategy for a variety of enterprises including business-to-business, business-to-government, and public service organizations. Prerequisite: MAR 2011 or Instructor’s Approval. (TR)

MAT 0018C  PRE-ALGEBRA  4 coll. prep. hrs.
This course is designed to prepare you for MAT 0028C. Major topics include whole numbers, fractions, decimals, percents,
MAT 0022 COMPRESSED DEVELOPMENTAL MATHEMATICS I 3 coll. prep. hrs.
This 8 week course is designed to prepare you for Compressed Developmental Mathematics II. Major topics include whole numbers, fractions, decimals, percents, ratios and proportions, geometry, and integers. Online activities in addition to class are required. This college preparatory course does not count toward the associate degrees. Prerequisite: Appropriate placement using PERT. (PR)

MAT 0023 COMPRESSED DEVELOPMENTAL MATHEMATICS II 3 coll. prep. hrs.
This 8 week course is designed to prepare you for Intermediate Algebra. Topics include real numbers and their properties, polynomials, linear equations and inequalities, formulas and applications, and graphing. Online activities in addition to class are required. This college preparatory course does not count toward the associate degrees. Prerequisite: Appropriate placement using PERT or successful completion of MAT 0022. (PR)

MAT 0028C BEGINNING ALGEBRA 4 coll. prep. hrs.
This course is designed to prepare you for MAT 1033. Topics include real numbers and their properties, polynomials, linear equations and inequalities, formulas and applications, and graphing. Laboratory activities in addition to class are required. This college preparatory course does not count toward the associate degrees. Prerequisite: Designated score on placement test or successful completion of MAT 0018C. Corequisite: MAT 0028L. Lab required. (PR)

MAT 0055 MODULARIZED DEVELOPMENTAL MATHEMATICS I 1 coll. prep. hr.
This course is designed to prepare you for MAT 1033. Topics include polynomials, linear equations and inequalities, and graphing. This college preparatory course does not count toward the associate degrees. Prerequisite: Designated score on placement test and no more than 3 modules to complete. (PR)

MAT 0057 MODULARIZED DEVELOPMENTAL MATHEMATICS II 3 coll. prep. hrs.
This course is designed to prepare you for MAT 1033. Topics include real numbers and their properties, percents, ratios and proportions, geometry, polynomials, linear equations and inequalities, formulas and applications, and graphing. This college preparatory course does not count toward the associate degrees. Prerequisite: Designated score on placement test or MAT 0055. (PR)

MAT 1033 INTERMEDIATE ALGEBRA 3 cr. hrs.
This course is designed to prepare you for MAC 1105 or STA 2023. Instruction includes linear equations and inequalities in two variables, introduction to functions, systems of linear equations, factoring, operations on rational expressions, complex fractions, equations with rational expressions, rational exponents, radical expressions, equations with radical expressions, quadratic equations, and applications of these topics. Prerequisite: Designated score on placement test or exemption according to Florida State Board of Education Rule 6A-10.0315. (TR)
MEA 0230          OCCUPATIONAL MEDICAL TERMINOLOGY I  
48 con. hrs.  1.6 occ. crs.  
This course will introduce you to the medical language used by healthcare professionals. You will also be introduced to principles of medical word structure, abbreviations, definitions, major disease processes and pharmacology of specific body systems. This course can be continued in Occupational Medical Terminology II. Corequisite: MEA 0230L or Instructor’s Approval. Lab Fee. (CH)

MEA 0230L         OCCUPATIONAL MEDICAL TERMINOLOGY I LAB  
48 con. hrs.  1.6 occ. crs.  
During occupational lab time you will apply and practice the skills, concepts, and theories pertaining to the Occupational Medical Terminology I course and the Medical Administrative Specialist/Administrative Office Specialist programs coursework. Lab will also include medical terms, medical reports, interactive student software, TABE® remediation, and hands-on office skills and work. Corequisite: MEA0230. (CH)

MEA 0231L         ANATOMY AND PHYSIOLOGY  
48 con. hrs.  1.6 occ. crs.  
This course teaches a general overview of anatomy and physiology of the human body. It will assist you in understanding how the human body works by providing essential aspects of structure and function in a simple and direct approach. This course explains the relationships among organ systems as well as the relationship of each system to the wellbeing of the entire organism. Corequisite: MEA 0230. (CH)

MEA 0234          PATHOPHYSIOLOGY AND DISEASE  
75-110 con. hrs.  2.5-3.7 occ. crs.  
This course teaches an overview of the disease process, infectious diseases, neoplasm, and congenital diseases. Each common disease/disorder within a body system is described using etiology, signs and symptoms, diagnostic procedures, treatment, prognosis, and prevention. (CH)

MEA 0239          OCCUPATIONAL MEDICAL TERMINOLOGY II  
48 con. hrs.  1.6 occ. crs.  
This course is a continuation Medical Terminology I which introduces you to the medical language used by healthcare professionals. You will complete the principles of medical word structure, abbreviations, definitions, major disease processes and pharmacology of specific body systems. In addition, utilizing real-world examples of medical reports. Prerequisite: MEA 0230. Corequisite: MEA 0239L or Instructor’s Approval. Lab Fee. (CH)

MEA 0239L         OCCUPATIONAL MEDICAL TERMINOLOGY II LAB  
48 con. hrs.  1.6 occ. crs.  
During occupational lab time you will apply and practice the skills, concepts, and theories pertaining to the Occupational Medical Terminology II course and the Medical Administrative Specialist/Administrative Office Specialist programs coursework. Lab will also include medical terms, medical reports, interactive student software, TABE® remediation, and hands-on office skills and work. Prerequisite: MEA0230L. Corequisite: MEA 0239. (CH)

MEA 0242          INTRODUCTION TO PHARMACOLOGY  
48-90 con. hrs.  1.6-3.0 occ. crs.  
This course teaches general pharmacological concepts and principles in the management of patient care. Effective administration of therapeutic drugs, indications and contraindications are discussed, including the effects of medications on body systems. Drug classifications and their principal actions are reviewed. Dosage calculation is emphasized. Prerequisite: MEA 0200C. (CH)

MEA 0255C         MEDICAL LAB PROCEDURES I  
124 con. hrs.  4.1 occ. crs.  
This course provides you with the opportunity to learn and practice laboratory safety and universal precautions and proper specimen collection. You will learn to describe and explain the various instruments used in a clinical lab, describe the medical assistant’s role in the lab, and explain how OSHA, FDA and CLIA affect lab operations. Lab Fee. (CH)

MEA 0258C         FUNDAMENTALS OF RADIOGRAPHY  
40 con. hrs.  1.3 occ. crs.  
This course provides an overview of radiologic imaging including radiography, ultrasound, fluoroscopy, nuclear medicine, MRI, and CT. You will receive instruction on patient preparation, safety procedures, information for each diagnostic modality, fundamentals of x-ray production, basic knowledge of equipment used in radiography, radiation protection, film handling, film processing and basic positioning. (CH)

MEA 0310          OCCUPATIONAL MEDICAL OFFICE PROCEDURES  
48 con. hrs.  1.6 occ. crs.  
You will learn to perform the duties of the administrative medical assistant under realistic conditions and with realistic pressures that require you to organize your work and set priorities. It teaches administrative office procedures as well as providing exercises in judgment, independent action, and coping with interruptions. Emphasis is placed on the importance of the computerization of routine tasks and communications in the medical office. Work ethics, patient confidentiality, professionalism, and interpersonal relationships are stressed. Corequisites: OTA 0101 and MEA 0310L, or Instructor’s Approval. Lab Fee. (CH)

MEA 0310L         OCCUPATIONAL MEDICAL OFFICE PROCEDURES LAB  
48 con. hrs.  1.6 occ. crs.  
During occupational lab time you will apply and practice the skills, concepts, and theories pertaining to the Occupational Medical Office Procedures course and the Medical Administrative Specialist/Administrative Office Specialist programs coursework. Lab will also cover the administrative medical assistant’s career, administrative responsibilities, patient records, practice finances and management, TABE® remediation, and hands-on office skills and work. Corequisite: MEA 0310. (CH)

MEA 0334          OCCUPATIONAL MEDICAL INSURANCE AND BILLING  
48 con. hrs.  1.6 occ. crs.  
Instruction provides concepts and processes of medical insurance coordination and billing. Emphasis is placed on diagnostic and procedural coding, types of insurance and
managed care structure. Insurance billing experience is obtained through the use of computerized software. Corequisite: MEA 0334L or Instructor’s Approval. Lab Fee.  (CH)

**MEA 0334L OCCUPATIONAL MEDICAL INSURANCE AND BILLING LAB**  
48 con. hrs.   1.6 occ. crs.  
During occupational lab time you will apply and practice the skills, concepts, and theories pertaining to the Occupational Medical Insurance and Billing course and the Medical Administrative Specialist/Administrative Office Specialist programs coursework. Lab will also include introduction to health insurance, managed health care, life cycle of an insurance claim, legal and regulatory considerations, ICD-9-CM coding, CPT coding, HCPCS coding system, HCFA reimbursement issues, coding from source documents, essential HCFA-1500 claim form instructions, filing commercial claims, filing Blue Cross and Blue Shield claims, Medicare, Medicaid and Tricare, patient billing and the medical office accounting system, hands-on office skills, and TABE® remediation. Prerequisite: MEA 0230L. Corequisite: MEA 0334.  (CH)

**MEA 0521C PHLEBOTOMIST**  
75 con. hrs.   2.5 occ. crs.  
A combined lecture/lab course including topics in proper patient and specimen identification, medical terminology, anatomy and physiology appropriate to the practice of phlebotomy, professionalism, communication skills, safety, infection control, blood collection equipment and blood collection procedures. Instruction also includes venipuncture, skin puncture, dermal puncture, and arterial puncture, specimen transport and storage requirements, quality assurance and quality control. The laboratory component includes practice in the procedures discussed in the lecture component, practicing safe and efficient work habits while obtaining adequate and correct blood specimens by capillary or venipuncture on adults, children, and neonates. Prerequisite: MEA 0230. Lab Fee.  (CH)

**MEA 0540C EKG AIDE**  
75 con. hrs.   2.5 occ. crs.  
This course provides you the opportunity to learn and practice basic electrocardiograph patient care techniques. You will describe the cardiovascular system and identify legal and ethical responsibilities of an EKG aide. Prerequisite: MEA 0230.  (CH)

**MEA 0800L MEDICAL ASSISTING PRACTICUM I**  
160-200 con. hrs.   5.33-6.67 occ. crs.  
This course teaches general overview of the operation of a medical practice. You will be assigned to a physician’s office or clinic setting to observe and, under supervision, perform basic administrative, laboratory, and clinical duties. Conference meetings will be arranged between you and the clinical director. Prerequisite: MEA 0242.  (CH)

**MEA 0810L OCCUPATIONAL MEDICAL WORK EXPERIENCE LAB - Deleted**

**MEA 0810L OCCUPATIONAL MEDICAL WORK EXPERIENCE LAB**  
36 con. hrs.   1.2 occ. crs.  
This course teaches fundamentals of medical assisting through group discussion and individual conferences on clinical experiences during internship for workplace readiness. You will be presented with study techniques and preparation planning to undertake the American Association of Medical Assistants (AAMA) certification examination. Prerequisite: MEA 0258C.  (CH)

**MGA 1106 LIBERAL ARTS MATHEMATICS I**  
3 cr. hrs.  
This course introduces you to the beauty and utility of mathematics. It is designed for you if your major does not require math courses that lead to the Calculus sequence. Topics include problem solving, deductive and inductive reasoning, set theory, logic, systematics counting, probability and statistics, plane geometry, and history of mathematics.  (CORE) (G.E.) (TR)

**MGA 1107 LIBERAL ARTS MATHEMATICS II**  
3 cr. hrs.  
This course introduces you to the beauty and utility of mathematics. It is designed for you if your major does not require math courses that lead to the calculus sequence. Topics include financial mathematics, numbers and number systems, history of mathematics, elementary number theory and graph theory, and voting and apportionment.  (CORE) (G.E.) (TR)

**MKA 2930 SELECTED TOPICS IN MARKET APPLICATIONS**  
1-4 cr. hrs.  
Selected topics centering on current or special interest in market applications. Topics may vary from term to term.  (TR)

**MLT 0043C BASIC CONCEPTS OF PHLEBOTOMY**  
82 con. hrs.   2.7 occ. crs.  
A combined lecture/lab course comprised of proper patient and specimen identification, medical terminology, anatomy and physiology, professionalism and communication skills, safety, infection control, and blood collection procedures. Course includes collecting blood specimens by venipuncture, skin puncture, dermal puncture, and arterial puncture including specimen transport and storage requirements, quality assurance and quality control. Corequisite: HCP 0940.  (CH)

**MMC 1949 CO-OP EDUCATION TRAIN ASSIGNMENT IN MASS MEDIA COMMUNICATIONS**  
1-3 cr. hrs.  
A first hands-on learning activity (paid or non-paid) directly related to your academic major/career objective.  (TR)

**MMC 2949 CO-OP EDUCATION TRAIN ASSIGNMENT IN MASS MEDIA COMMUNICATIONS**  
1-3 cr. hrs.  
A second hands-on learning activity (paid or non-paid) directly related to your academic major/career objective.  (TR)
MNA 2303  INTRODUCTION TO PUBLIC PERSONNEL MANAGEMENT  3 cr. hrs.
Course concentrates on the major issues facing the manager of public employees. These include selection and promotional process, performance appraisal systems, labor relations, employee rights and the future concerns of public sector employment. (TR)

MNA 2345  MANAGEMENT AND SUPERVISION  3 cr. hrs.
An examination of the ever-increasing complexity of supervisory management. Major focus is on the development of personal and professional skills that assist a supervisory level individual in becoming a more effective manager of human resources. These skills include planning, organizing, staffing, leading, controlling, and labor relations. (TR)

MNA 2930  SELECTED TOPICS IN APPLIED MANAGEMENT  1-4 cr. hrs.
Selected topics centering on current or special interest in applied management. Topics may vary from term to term. (TR)

MTB 1103  BUSINESS MATHEMATICS USING SPREADSHEETS  3 cr. hrs.
This course covers the fundamentals of business mathematics with applications to banking, payroll, taxes and insurance, purchasing merchandise, markup and markdown, interest, mortgages, and consumer credit. Concepts are introduced using the traditional method of calculating. You will be introduced to the same calculations performed using an electronic spreadsheet. (TR)

MUL 2010  MUSIC APPRECIATION  3 cr. hrs.
This is a survey of the art of music as an important and compelling influence in the life of humanity from the earliest civilizations to the present. It relates music to the other fine arts and to the major social, economic, and political events of history which affect significant musical development and which are reflected through this art form. Prerequisite: ENC 1101 with a grade of C or higher. (CORE) (G.E.) (TR)

MUS 1949  CO-OP EDUCATION TRAINING ASSIGNMENT IN MUSIC  1-3 cr. hrs.
A first hands-on learning activity (paid or non-paid) directly related to your academic major/career objective. (TR)

MUS 2949  CO-OP EDUCATION TRAINING ASSIGNMENT IN MUSIC  1-4 cr. hrs.
A second hands-on learning activity (paid or non-paid) directly related to your academic major/career objective. (TR)

MUT 1122  ELEMENTARY MUSIC THEORY II  4 cr. hrs.
A correlated study of elementary materials of music through melodic and harmonic analysis, sight singing, part writing, keyboard training, and elementary composition. Concepts include diatonic chord qualities, 6th, 7th, and 9th chords, modulation methods, analysis of Bach chorales, and figured bass. Prerequisite: MUT 1121 or equivalent. (TR)

MUT 2930  SELECTED TOPICS IN MUSIC  1-4 cr. hrs.
Selected topics centering on current interest in music. Topics may vary from term to term. (TR)

NUR 1020C  FOUNDATIONS OF NURSING PRACTICE  9 cr. hrs. (6 Theory / 9 Clinical-Lab)
This course introduces you to the seven core concepts of the Associate Degree Nursing program upon which all subsequent nursing courses are built: competence, compassion, confidence, conscience, commitment, communication, and culture. Content areas are based on the current NCLEX-RN® Client Needs categories. Clinical competence in basic nursing skills, including the safe administration of medications across the lifespan, will be developed in the clinical lab and simulated learning environment. These concepts will be further developed in community and clinical settings. This course includes theory, computer-assisted instruction, skills laboratory practice, simulation, clinical experiences, and standardized testing. You must earn a final grade of B or higher. Corequisite: NUR 1020L. Lab Fee. (TR)

NUR 1141C  PHARMACOLOGY - Deleted

NUR 1180  PRINCIPLES OF NUTRITION AND DIET THERAPY  3 cr. hrs.
This course is designed to provide the fundamental principles and practices that are essential in nutritional care to maintain health throughout the life span. It includes assessment and application of nutrition in health care focusing on prevention and support of nutrition therapy in management of chronic diseases and metabolic disorders. In addition, principles of learning and teaching nutrition in the selection of foods required to meet the physiological and psychological needs within the economic construsts of the diverse client are presented. You must earn a final grade of B or higher. Corequisite: NUR 1020C or Instructor’s Approval. (TR)

NUR 1710C  MEDICAL-SURGICAL NURSING FOR ADULTS AND CHILDREN I  9 cr. hrs. (6 Theory / 9 Clinical-Lab)
This course emphasizes the seven core concepts of the Associate Degree Nursing program introduced in the introductory course, Fundamentals of Nursing: competence, compassion, confidence, conscience, commitment, communication, and culture. Content areas are based on
current NCLEX-RN® Client Needs Categories. This course builds on the foundational concepts which prepare you to apply theoretical knowledge and basic nursing skills when providing care in meeting the biopsychosocial needs of clients with common medical surgical problems. Major topics include: pathophysiology, clinical manifestations, diagnostic studies, collaborative care, and nursing management of various diseases and disorders. This course includes theory, computer-assisted instruction, skills laboratory practice, simulation, clinical experiences, and standardized testing. You must earn a final grade of B or higher. Prerequisite: NUR 1020C. Corequisite: NUR 1710L. Lab Fee. (TR)

NUR 2003C TRANSITION TO PROFESSIONAL NURSING
8 cr. hrs. (6 Theory / 6 Clinical-Lab)
This course is designed to validate your prior learning achieved as a LPN (Licensed Practical Nurse). The course focuses on transitioning from the role of the LPN to the professional RN (Registered Nurse). Emphasis is placed on critical thinking, clinical reasoning, and client care based on the foundational concepts of the associate degree curriculum: competence, compassion, confidence, conscience, commitment, communication, and culture. These concepts will be applied in both the community and clinical settings. This course includes theory, computer-assisted instruction, skills laboratory practice, simulation, clinical experiences, and standardized testing. You must earn a final grade of B or higher. Corequisite: NUR 2003L. Lab Fee. (TR)

NUR 2005L NURSING ASSESSMENT SKILLS LAB - Deleted

NUR 2209C MEDICAL-SURGICAL NURSING FOR ADULTS AND CHILDREN II
10 cr. hrs. (7 Theory / 9 Clinical-Lab)
This course reinforces the seven core concepts of the Associate Degree Nursing program introduced in previous courses and programs: competence, compassion, confidence, conscience, commitment, communication, and culture. The course focuses on advanced nursing skills when providing care and meeting the complex needs of clients across the lifespan. The clinical experience gives you the opportunity to learn and practice history-taking and physical examination skills, health promotion techniques, the use of clinical assessment tools and current technologies, and nursing documentation. This course includes theory, computer-assisted instruction, skills laboratory practice, simulation, clinical experiences, and standardized testing. You must earn a final grade of B or higher. Prerequisite: NUR 2003C (Transition students only). Corequisite: NUR 2209L. Lab Fee. (TR)

NUR 2404C NURSING CARE OF PARENTS AND INFANTS
4 cr. hrs. (3 Theory / 3 Clinical-Lab)
This course includes the basic nursing concepts required to care for families within the maternal – newborn hospital/community setting. You will develop an understanding of growth and developmental tasks and events, lifestyle, pathologies, and nursing problems related to the perinatal and neonatal period in a multicultural society. The concepts of ethics, rights and responsibilities, collaboration with others, and social involvement are addressed within the context of maternal-newborn care. In the laboratory and clinical setting, you are taught the knowledge and skills relevant to specific pathologies and nursing problems. You must earn a final grade of B or higher. Prerequisites: NUR 2003C (Transition students only) and NUR 2209C. Corequisite: NUR 2404L. Lab Fee. (TR)

NUR 2502C NURSING CARE FOR COMMUNITY AND MENTAL HEALTH
5 cr. hrs. (3 Theory / 6 Clinical-Lab)
This course will build on previously learned mental health concepts and interpersonal skills and will emphasize the application of the nursing process in the prevention, diagnosis, treatment, and rehabilitation of the emotionally ill individual. The framework for this course is based on the seven core concepts of the Associate Degree Nursing program. Particular emphasis will be placed on communication skills. Primary clinical experiences will be in the dual diagnosis treatment center, a regional medical center, mental health unit and behavioral health unit. You will be involved in community health service projects through various community agencies. You must earn a final grade of B or higher. Prerequisites: NUR 2003C (Transition students only) and NUR 2209C. Corequisite: NUR 2502L. (TR)

NUR 2801C NURSING PRACTICUM
5 cr. hrs. (3 Theory / 6 Clinical-Lab)
This course is a culmination of all courses in the ADN program. It allows you to transition from the role of student nurse to graduate nurse. Focus is on trends and issues to assist you to be better prepared to practice nursing in today’s world. The content includes leadership and management skills, ethical and legal responsibilities, professional growth, and preparation for licensure. The course provides experience in the clinical setting for managing and administering care to clients. You will work under the direct supervision of a Registered Nurse preceptor. Assigned faculty are available for guidance and direction to you and/or preceptor. You must earn a final grade of B or higher. Completion of comprehensive predictor exam in preparation for NCLEX® is also a course requirement. Prerequisites: NUR 2003C (Transition students only), NUR 2209C, NUR 2404C, and NUR 2502C. Corequisite: NUR 2801L. Lab Fee. (TR)

NUR 2930 NURSING SEMINAR
1-4 cr. hrs.
Provides an opportunity for you to perform and perfect more advanced skills and/or to acquire more advanced knowledge through research as required of a professional nurse in various nursing situations such as physical assessment. (TR)

NUR 2931 SELECTED TOPICS IN NURSING
1-4 cr. hrs.
Selected topics centering on current or special interest in nursing. Topics may vary from term to term. (TR)
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>NUR 3065C</td>
<td>Health Assessment, Wellness, and Prevention</td>
<td>3 cr. hrs.</td>
<td>This course builds upon previous knowledge of health assessment to prepare you to complete comprehensive and holistic evaluations of client health, interpret health data, and educate clients regarding health-promoting behaviors across the lifespan. Documentation of findings and teaching provided will also be evaluated, reinforced, and refined. This is an online and hybrid format course that incorporates web-based components with the advantage of live skills lab practice and simulation. Corequisite: NUR 3065L. Lab Fee. (TR)</td>
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<tr>
<td>NUR 3080</td>
<td>Dimensions of Baccalaureate Nursing Practice</td>
<td>3 cr. hrs.</td>
<td>This introductory course focuses on the transition of registered nurses to the role of the BSN nursing graduate. The historical evolution of the nursing profession and current trends and issues impacting professional practice in today’s dynamic healthcare delivery environment will be examined. Course content will include an exploration of theoretical foundations, ethical imperatives, advocacy, critical thinking, collaboration, technology, cultural considerations, changing roles, future challenges, and the use of evidence to guide nursing practice. This is an online and hybrid format course that incorporates web-based components with the advantage of live skills lab practice and simulation. Lab Fee. (TR)</td>
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<tr>
<td>NUR 3125</td>
<td>Pathophysiology for Nursing Practice</td>
<td>3 cr. hrs.</td>
<td>This course provides a study of the pathophysiology of human illness across the lifespan with diverse individuals. Concepts will include recognizing the clinical manifestations of selected diseases and disorders and understanding associated diagnostic test results. From the perspective of relationship-centered caring nursing practice, the integration of current research, health promotion education, and disease prevention strategies will also be discussed. This is an online and hybrid format course that incorporates web-based components with the advantage of live skills lab practice and simulation. (TR)</td>
</tr>
<tr>
<td>NUR 3145</td>
<td>Pharmacology for Nursing Practice</td>
<td>3 cr. hrs.</td>
<td>This course will build on the current knowledge of the practicing nurse to further develop the nursing management of medication regimens in client care. This course will highlight issues in pharmacology and provide you with increased knowledge of pharmacological therapies in the management of diverse clients across the lifespan. Emphasis will be focused on improving client outcomes, client education, compliance, safety, effective use and expectations of their medications. In addition, you will complete classroom and web-based assignments and activities using evidence-based practice and peer-reviewed research publications to enhance nursing practice. This is an online and hybrid format course that incorporates web-based components with the advantage of live skills lab practice and simulation. (TR)</td>
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<tr>
<td>NUR 3169</td>
<td>Inquiry and Evidence in Nursing Practice</td>
<td>3 cr. hrs.</td>
<td>This course teaches the relationship of nursing research and the utilization of evidence-based practice. This course explores the research process as a foundation for acquiring the skills needed to access, critically appraise, and synthesize research literature. A nursing approach to information technology is also examined. Concepts in healthcare informatics, trends and innovative strategies and applications are introduced. The purpose of this course is to examine the processes required to translate and integrate evidence into nursing practice. This is an online and hybrid format course that incorporates web-based components with the advantage of live skills lab practice and simulation. (TR)</td>
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<tr>
<td>NUR 3289</td>
<td>Foundations of Gerontology</td>
<td>3 cr. hrs.</td>
<td>An introduction to the dynamics of aging, this course will cover assessment of normal physical changes of aging, wellness and communication for the baccalaureate nurse. Explored are topics related to the diverse populations of aging patients with emphasis placed on the physiological, developmental, functional, cognitive, affective, cultural, ethical, legal, and social aspects of aging. Theoretical perspectives, research, and evidenced-based practice related to nursing management of selected aspects of aging will be examined from a relationship-centered, caring approach. This is an online and hybrid format course that incorporates web-based components with the advantage of live skills lab practice and simulation. (TR)</td>
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<tr>
<td>NUR 4178</td>
<td>Complementary and Alternative Therapies in Healthcare</td>
<td>3 cr. hrs.</td>
<td>This course is offered as an elective with a community focus. This course will explore health and healing as it relates to the physical, mental, emotional and spiritual levels of the clients served. This course will look at the history and evolution of complementary care available today. In this course, you will explore select complementary therapies using evidence-based, peer-reviewed research and evaluate the bases for healing and effectiveness of the selected therapies from a nursing and consumer perspective. This is an online and hybrid format course that incorporates web-based components with the advantage of live skills lab practice and simulation. Lab Fee. (TR)</td>
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<tr>
<td>NUR 4257</td>
<td>Advanced Nursing Care Concepts</td>
<td>3 cr. hrs.</td>
<td>This course is an introduction to critical care nursing and designed for those students with a desire to work in clinical specialty areas. The course will explore the advanced knowledge and concepts of body systems, disease states and therapeutic management focusing on the systems (cardiovascular, pulmonary neurological, and renal) to include discussion of shock and trauma. (TR)</td>
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NUR 4636C COMMUNITY HEALTH NURSING  3 cr. hrs.
This course will focus on the holistic role of the caring professional nurse in community and public health settings. Topics will include current practice responsibilities, legal issues, global perspectives, cultural considerations, environmental health, epidemiology, evidence-based health promotion, prevention, and the assessment of diverse families and populations. This course is presented in an online and hybrid format with a community practicum component providing the learner with an opportunity to observe and also practice the principles of community health nursing. This is an online and hybrid format course that incorporates web-based components with the advantage of live skills lab practice and simulation. Corequisite: NUR 4636L. (TR)

NUR 4827 FOUNDATIONS OF NURSING HEALTHCARE LEADERSHIP AND MANAGEMENT  3 cr. hrs.
As a registered nurse, you will learn the concepts and principles of leadership to enable you to assume a leadership role in a health-care facility. You will examine practices for the application of your professional role in nursing leadership, integrating decision making, delegation, change and innovation in organizations to provide collaborative healthcare excellence in a relationship-centered, caring environment. This is an online and hybrid format course that incorporates web-based components with the advantage of live skills lab practice and simulation. Lab Fee. (TR)

NUR 4945C NURSING CAPSTONE  3 cr. hrs.
This capstone experience integrates the academic and practical knowledge you acquired during the curriculum to further develop your acquisition of graduate competencies for the baccalaureate-prepared nurse. This course includes a clinical practicum to enhance your confidence in the knowledge and expertise required in areas of complex patient care management, and recognition of your nursing conscience in the advanced professional role. The practicum includes opportunities for evidence-based scholarly inquiry, professional writing, and presentation. You will be required to demonstrate the competencies consistent with program outcomes. This is an online and hybrid format course that incorporates web-based components with the advantage of live skills lab practice and simulation. Corequisite: NUR 4945L. Lab Fee. (TR)

OCA 0100 OCCUPATIONAL COMPUTER APPLICATIONS  48 con. hrs.  1.6 occ. crs.
In this course you will be introduced to the components and uses of microcomputer systems. Basic computing concepts including input, output, processing, secondary storage, operating systems, software applications, and ethical and responsible computer use will be covered. You will gain hands-on experience in spreadsheet, database, presentation preparation, and software integration through using Microsoft Office software. Prerequisite: OTA 0101 or Instructor’s Approval. Corequisite: OCA 0100L or Instructor’s Approval. Lab Fee. (CH)

OCA 0100L OCCUPATIONAL COMPUTER APPLICATIONS LAB  48 con. hrs.  1.6 occ. crs.
During occupational lab time you will apply and practice the skills, concepts, and theories pertaining to the Occupational Computer Applications course and the Medical Administrative Specialist/Administrative Office Specialist programs coursework. Lab will also cover computer concepts, personal computer, electronic spreadsheets using Microsoft Excel, database management using Microsoft Access, presentations using Microsoft PowerPoint, applications using Excel, Access, and PowerPoint, computer technology, TABE® remediation, and hands on office skills and work. Prerequisite: OTA 0101L or Instructor’s Approval. Corequisite: OCA 0100. (CH)

OCA 0301 OCCUPATIONAL WORD PROCESSING MS WORD  48 con. hrs.  1.6 occ. crs.
This course is an introduction to the concepts of word processing in the modern office and includes discussion of theory, terms, and the total word processing environment. The course includes instruction and guidance in: creating and editing documents, using the spell checker and thesaurus, formatting documents, text enhancements, and merging documents. This course is a Microsoft Office Specialist certification prep course. Prerequisite: OTA 0101 or Instructor’s Approval. Corequisite: OCA 0301L. Lab Fee. (CH)

OCA 0301L OCCUPATIONAL WORD PROCESSING MS WORD LAB  48 con. hrs.  1.6 occ. crs.
During occupational lab time, you will apply and practice the skills, concepts, and theories pertaining to the Occupational Word Processing MS Word course and the Medical Administrative Specialist/Administrative Office Specialist Programs coursework. Lab will include hands-on office skills, TABE® remediation curriculum assignments, and training for the certification exam. Prerequisite: OTA 0101L or Instructor’s Approval. Corequisite: OCA 0301. (CH)

OCA 0402 OCCUPATIONAL SPREADSHEET APPLICATIONS  48 con. hrs.  1.6 occ. crs.
This is a beginning/intermediate spreadsheet course. You will learn to create, format, modify, and print worksheets; draw objects; and use spreadsheet data in ranges, functions, and charts. This is a Microsoft Office Specialist certification preparation course. Prerequisites: OTA 0101 or Instructor’s Approval. Corequisites: OCA 0402L. Lab Fee. (CH)

OCA 0402L OCCUPATIONAL SPREADSHEET APPLICATIONS LAB  48 con. hrs.  1.6 occ. crs.
During occupational lab time you will apply skills, concepts and theories to create, format, modify, and print worksheets; draw objects; and use spreadsheet data in ranges, functions, charts, curriculum assignments, and training for the certification exam. Prerequisites: OTA 0101L or Instructor’s Approval. Corequisites: OCA 0402. (CH)
OCA 0455  OCCUPATIONAL BUSINESS FUNDAMENTALS  48 con. hrs. / 1.6 occ. crs.
This course is designed to include instruction on mathematical applications, human relations skills, appropriate grooming habits, leadership skills, consumer economics activities, decision-making activities, and filing methods. Corequisite: OCA 0455L. (CH)

OCA 0455L  OCCUPATIONAL BUSINESS FUNDAMENTALS LAB  48 con. hrs. / 1.6 occ. crs.
During lab time you will apply and practice the skills, concepts, and theories pertaining to the basic functions of management: planning, organizing, staffing, leading, and controlling. Corequisite: OCA 0455. (CH)

OCA 0461  OCCUPATIONAL DATABASE APPLICATIONS  48 con. hrs.  1.6 occ. crs.
This course includes instruction in the design, development, coding, testing, and maintenance of programs using database applications to solve business problems. Prerequisite: OCA 0301. Corequisite: OCA 0461L. Lab Fee. (CH)

OCA 0461L  OCCUPATIONAL DATABASE APPLICATIONS LAB  48 con. hrs.  1.6 occ. crs.
During occupational lab time you will apply skills, concepts and theories to the instruction of the design, development, coding, testing, and maintenance of programs using database applications to solve business problems. Prerequisite: OCA 0301. Corequisite: OCA 0461L or Instructor's Approval. (CH)

OCA 0604  OCCUPATIONAL DESKTOP PUBLISHING WITH POWERPOINT  48 con. hrs.  1.6 occ. crs.
This course introduces you to a presentation graphics software program (Microsoft PowerPoint) that can be used to create slide presentations and handouts. You will learn how to create presentations, add content, hyperlinks, images, edit and modify presentations, and work in the various views. As a successful student, you will acquire the skills needed to pass a core level proficiency examination. This course is a Microsoft Office Specialist certification prep course. Corequisites: OCA 0604L. Lab Fee. (CH)

OCA 0604L  OCCUPATIONAL DESKTOP PUBLISHING WITH POWERPOINT LAB  48 con. hrs.  1.6 occ. crs.
During occupational lab time you will use a presentation graphics software program (Microsoft PowerPoint) to apply skills, concepts and theories to create slide presentations and handouts. You will create presentations, add content, hyperlinks, images, edit and modify presentations, and work in the various views. As a successful student, you will acquire the skills needed to pass a core level proficiency examination. Corequisites: OCA 0604. (CH)

ORH 1010  INTRODUCTION TO HORTICULTURE  3 cr. hrs.
This course explores various horticultural topics including plant classification and identification, a look at the horticulture and landscaping industries, plant pruning practices, cultivation and propagation of plants, sanitation and safety practices, and handling and marketing. Pre- or Corequisite: HOS 1010. (TR)

ORH 1220  TURFGRASS MANAGEMENT  3 cr. hrs.
Study of grasses common to the Southern climate. Emphasis is given to the selection, care, and maintenance of turf for a variety of purposes. (TR)

ORH 2932  SPECIAL TOPIC IN ORNAMENTAL HORTICULTURE  1-4 cr. hrs.
Special topics centering on current interest in ornamental horticulture. Topics may vary from term to term. (TR)

ORH 2949  CO-OP EDUCATION TRAINING ASSIGNMENT IN ORNAMENTAL HORTICULTURE AND LANDSCAPING  1-4 cr. hrs.
Cooperative in education training directly related to your academic major/career objectives. (TR)

OST 1100C  INTRODUCTION TO COLLEGE KEYBOARDING  3 cr. hrs.
This course involves centering, composition at the computer keyboard, tabulated documents, simple reports, business letters, and employment documents. Also included is basic instruction on using computers for processing documents. If you have successfully completed one year of high school typing, you may not receive credit for basic courses when transferring to another institution. Lab Fee. (TR)

OST 1110C  INTERMEDIATE TO COLLEGE KEYBOARDING  3 cr. hrs.
This is a course designed to develop keyboarding speed and accuracy, review and refine skills including goal setting, organization, critical thinking, web access, and integrating keyboarding, formatting and word processing skills into real-life experience. Prerequisite: OST 1100C. Lab Fee. (TR)

OST 1221C  INTRODUCTORY MEDICAL TRANSCRIPTION  3 cr. hrs.
Introductory course to prepare you to become familiar with general medical office transcription and equipment such as English usage, machine transcription and word processing skills, medical terminology knowledge, and proofreading and editing abilities. Pre- or Corequisite: OST 1100C. Corequisite: OST 2253. Lab Fee. (OA)

OST 1355  RECORDS MANAGEMENT  3 cr. hrs.
Course will cover the design and control of record systems: the creation, distribution, use, maintenance and disposition of recorded information, management of the life cycle of records, and the retention and maintenance of records. (TR)

OST 1581  PROFESSIONAL DEVELOPMENT IN THE WORKPLACE  3 cr. hrs.
You will learn that long term success is an ongoing process of developing the following skills in creating goals, building confidence, self-esteem, professional image, maintaining a
positive attitude and outlook, time management, team work, leadership, customer service, career planning, interviewing, resume writing, communication and listening skills. Lab Fee. (TR)

**OST 1713C WORD PROCESSING - MICROSOFT WORD**  
3 cr. hrs.

This course is an introduction to the concepts of word processing in the modern office and discussion of theory, terms, and the total word processing environment. The course includes instruction and guidance in: creating and editing documents, using the spell checker and thesaurus, formatting documents, text enhancements, switch features, and merging documents. This course is a Microsoft Office Specialist certification prep course. Prerequisite: OST 1100C or Instructor's Approval. Lab Fee. (TR)

**OST 1829C PRESENTATION EXPERT SKILLS**  
3 cr. hrs.

This course introduces you to a presentation graphics software program (Microsoft PowerPoint) that can be used to create slide presentations and handouts. You will learn how to create presentations, add content, hyperlinks, images, edit and modify presentations, and work in the various views. As a successful student, you will acquire the skills needed to pass a core level proficiency examination. This course is a Microsoft Office Specialist certification prep course. Lab Fee. (TR)

**OST 1949 CO-OP EDUCATION TRAINING ASSIGNMENT IN OFFICE SYSTEMS TECHNOLOGY**  
1-3 cr. hrs.

A first hands-on learning activity (paid or non-paid) directly related to your academic major/career objective. (TR)

**OST 2253 MEDICAL TERMINOLOGY I**  
3 cr. hrs.

This course will introduce you to the medical language used by healthcare professionals. You will also be introduced to principles of medical word structure, abbreviations, definitions, major disease processes and pharmacology of specific body systems. This course will be continued in Medical Terminology II. Corequisite: OST 2461. Lab Fee. (TR)

**OST 2254 MEDICAL TERMINOLOGY II**  
3 cr. hrs.

This course is a continuation Medical Terminology I which introduces you to the medical language used by healthcare professionals. You will complete the principles of medical word structure, abbreviations, definitions, major disease processes and pharmacology of specific body systems. In addition to completing the body systems, you will be introduced to radiology, pathology and mental health, utilizing real-world examples of reports. Prerequisite: OST 2253. Lab Fee. (OA)

**OST 2321C OFFICE EQUIPMENT AND PROCEDURES**  
3 cr. hrs.

This course includes the use of office equipment and procedures normally found in a business office. You will learn to operate and properly maintain the various types of office equipment including fax, Xerox, calculators, and more. You will also learn to order supplies, maintain inventory, keep records and files, and manage data. Lab Fee. (TR)

**OST 2335 BUSINESS COMMUNICATIONS**  
3 cr. hrs.

Development of skills in writing, emphasizes planning and writing various types of business correspondence, and covers organizing data for reports. (TR)

**OST 2461 MEDICAL OFFICE MANAGEMENT**  
3 cr. hrs.

Mechanics of medical office administration. Emphasis is placed on medical ethics and laws, records management and filing, medical communications, patient relations, and office accounting, billing, and banking procedures. Pre- or Corequisite: OST 1100C. Corequisite: OST 2253. Lab Fee. (OA)

**OST 2463 MEDICAL INSURANCE/BILLING**  
3 cr. hrs.

Concepts and processes of medical insurance coordination and billing. Emphasis is placed on diagnostic and procedural coding, types of insurance and managed care structure. Insurance billing experience is obtained through the use of computerized software. Pre/Corequisites: OST 2253 and CGS 1100C or Equivalent. Lab Fee. (OA)

**OST 2852 EXCEL FOR THE OFFICE**  
3 cr. hrs.

This is a beginning/intermediate spreadsheet course. You will learn to create, format, modify, and print worksheets; draw objects; and use spreadsheet data in ranges, functions, and charts. This is a Microsoft Office Specialist certification preparation course. Prerequisites: OST 1713C or Instructor's Approval. Lab Fee. (TR)

**OST 2949 WORK EXPERIENCE**  
1-4 cr. hrs.

A culminating business office experience for the Office Systems Technology Program or Medical Office Management Program. In this course, you will complete on-the-job training in an office location approved by the instructor. This externship follows satisfactory completion of other program coursework. (TR)

**OTA 0013 OCCUPATIONAL CUSTOMER RELATIONS**  
48 con. hrs.  1.6 occ. crs.

You will be introduced to the concepts central to successful customer relations. The course is designed to develop the necessary skills for success as a customer service provider. The course examines various service situations and develops an attitude of superior customer service which is critical to success in all organizations. Corequisites: OTA 0013L. (CH)

**OTA 0013L OCCUPATIONAL CUSTOMER RELATIONS LAB**  
48 con. hrs.  1.6 occ. crs.

During occupational lab you will apply concepts and theories necessary skills for success as a customer service provider in various service situations where you will experience multiple scenarios dealing with customer service. Corequisites: OTA 0013. (CH)
OTA 0101 OCCUPATIONAL INTRODUCTORY KEYBOARDING 48 con. hrs. 1.6 occ. crs.
Introductory Keyboarding includes various styles of business letters, memorandums, simple reports, tables, centering, and composition at the computer. Also included is basic instruction on computer use for processing documents. Corequisite: OTA 0101L or Instructor’s Approval. Lab Fee. (CH)

OTA 0101L OCCUPATIONAL INTRODUCTORY KEYBOARDING LAB 48 con. hrs. 1.6 occ. crs.
During occupational lab time, you will apply and practice the skills, concepts, and theories pertaining to the Occupational Introductory Keyboarding course and the Medical Administrative Specialist/Administrative Office Specialist programs coursework. Lab will also include developing keyboarding skills, formatting business documents, TABE® remediation, and hands-on office skills and work. Corequisite: OTA 0101. (CH)

OTA 0105 OCCUPATIONAL INTERMEDIATE KEYBOARDING 48 con. hrs. 1.6 occ. crs.
This is a course designed to enhance keyboarding speed and accuracy, review and refine skills including goal setting, organization, critical thinking, web access, and integrating keyboarding, formatting and Word processing skills into real-life experience. Prerequisite: OTA 0101. Corequisite: OTA 0105L. Lab Fee. (CH)

OTA 0105L OCCUPATIONAL INTERMEDIATE KEYBOARDING LAB 48 con. hrs. 1.6 occ. crs.
During occupational lab time you will apply and practice the skills, concepts, and theories pertaining to the Occupational Intermediate Keyboarding course and the Medical Administrative Specialist/Administrative Office Specialist Programs coursework. Lab will also include building your type speed (exceed 50 wpm), business documents (business letter/envelope, organizational chart), business communications (email with attachment), integrate Word with Excel, Access, PowerPoint, mail merge, customized letters, build Word forms, collaborate with coworkers (track changes), customize Word, TABE® remediation, and hands-on office skills and work. Prerequisite: OTA 0101L. Corequisite: OTA 0105. (CH)

OTA 0311 OCCUPATIONAL BUSINESS ENGLISH 48 con. hrs. 1.6 occ. crs.
Course consists of development of the basic language skills necessary for success in business. It also includes parts of speech, rules of punctuation, writing styles, and oral language skills. Corequisite: OTA 0311L. (CH)

OTA 0311L OCCUPATIONAL BUSINESS ENGLISH LAB 48 con. hrs. 1.6 occ. crs.
During occupational lab time, you will apply and practice the skills, concepts, and theories pertaining to the Occupational Business English course and the Medical Administrative Specialist/Administrative Office Specialist programs coursework. Lab will also cover identifying parts of a sentence, nouns and pronouns (single, and plural), verbs (kinds, voices, moods; tenses; and subject agreement, modifying and connecting words (adjectives and adverbs; prepositions; conjunctions), spelling and easily confused words, capitalization and punctuation, writing simple business letters, hands-on office skills and work, and TABE® remediation. Corequisite: OTA 0311. (CH)

OTA 0322 OCCUPATIONAL BUSINESS COMMUNICATIONS 48 con. hrs. 1.6 occ. crs.
This course includes the development of skills in planning and writing various types of business correspondence and covers organizing data for reports. Corequisite: OTA 0322L or Instructor’s Approval. (CH)

OTA 0322L OCCUPATIONAL BUSINESS COMMUNICATIONS LAB 48 con. hrs. 1.6 occ. crs.
During occupational lab time, you will apply and practice the skills, concepts, and theories pertaining to the Business Communications course and the Medical Administrative Specialist/Administrative Office Specialist Programs coursework. Lab will also include communication foundations, writing process, business correspondence, reports and proposals, presentations, hands-on office skills and work, and TABE® remediation. Corequisite: OTA 0322. (CH)

OTA 0402 OCCUPATIONAL OFFICE EQUIPMENT AND PROCEDURES 48 con. hrs. 1.6 occ. crs.
Instruction covers office equipment and procedures normally found in a business office. You will learn to operate and properly maintain the various types of office equipment including fax, Xerox, calculators, and more. You will also learn to order supplies, maintain inventory, keep records and files, and manage data. Corequisite: OTA 0402L or Instructor’s Approval. Lab Fee. (CH)

OTA 0402L OCCUPATIONAL OFFICE EQUIPMENT AND PROCEDURES LAB 48 con. hrs. 1.6 occ. crs.
During occupational lab time, you will apply and practice the skills, concepts, and theories pertaining to the Office Equipment and Procedures course and the Medical Administrative Specialist/Administrative Office Specialist Programs coursework. Lab include skills using a computer calculator, number keypad typing lessons, desktop calculator, files management (how to alphabetize) file cabinets, paper files, Xerox, large mega-machines and small copiers, telephone (schedule appointments, take messages, voicemail/hold/forward, role play), fax (send and receive), order supplies and equipment, maintain inventory, postage machine, mail services, make deposits, handle bills and invoices, scanner, shredder, typewriters, label-makers, machine transcription, arrange travel, calculate time zones, recycle, cleaning, new technology, hands-on office skills and work, and TABE® remediation. Corequisite: OTA 0402. (CH)

OTA 0405 OCCUPATIONAL FILES MANAGEMENT AND DOCUMENT PROCESSING 48 con. hrs. 1.6 occ. crs.
This class prepares you to store and retrieve files in a variety of records management systems in today’s offices. After learning the basics of managing a paper-based filing system, you will
transfer this knowledge to electronic storage and retrieval procedures. Prerequisite: OTA 0101 or Instructor’s Approval. Corequisites: OTA 0101 and OTA 0405L. Lab Fee. (CH)

OTA 0405L OCCUPATIONAL FILES MANAGEMENT AND DOCUMENT PROCESSING LAB 48 con. hrs. 1.6 occ. crs.
During occupational lab time, you will apply and practice the skills, concepts, and theories pertaining to the Occupational Files Management and Document Processing course and the Medical Administrative Specialist/Administrative Office Specialist programs coursework. Lab will also include basic records management concepts, alphabetic indexing rules, alphabetic filing procedures, subject filing procedures, geographic filing procedures, records retention, transfer and disposition, medical filing, computer record control, computer database applications, TABE® remediation, and hands-on office skills and work. Prerequisite: OTA 0101L or Instructor’s Approval. Corequisite: OTA 0405. (CH)

OTA 0422L OFFICE PRACTICES LABORATORY 15-288 con. hrs. 1-6 occ. crs.
Hands-on experiences related to theory presented in related courses. You will have the opportunity to apply theory and skills to both simulated laboratory experiences as well as real life problems related to office technology. (CH)

OTA 0475 OCCUPATIONAL LEGAL ASPECTS OF BUSINESS 48 con. hrs. 1.6 occ. crs.
Introduction to the legal aspects of business topics which include business law concepts, forms of business ownership, insurance, awareness, governmental regulations, management function, human resources management issues, and career development. The use of computers is an integral part of this program. Corequisite: OTA 0475L. (CH)

OTA 0475L OCCUPATIONAL LEGAL ASPECTS OF BUSINESS LAB 48 con. hrs. 1.6 occ. crs.
During lab time you will apply and practice the skills, concepts, and theories pertaining to the legal aspects of business, including business law concepts, forms of business ownership, insurance awareness, governmental regulations, management functions, human resources management issues and career development. Corequisite: OTA 0475. (CH)

OTA 0490 OCCUPATIONAL PERSONAL BUSINESS SKILLS 48 con. hrs. 1.6 occ. crs.
You will learn that long term success is an ongoing process of developing the following skills: creating goals, building confidence, self-esteem, professional image, maintaining a positive attitude and outlook, time management, team work, leadership, customer service, career planning, interviewing, resume writing, and communication and listening skills. Corequisite: OTA 0101 and OTA 0490L, or Instructor’s Approval. Lab Fee. (CH)

OTA 0490L OCCUPATIONAL PERSONAL BUSINESS SKILLS LAB 48 con. hrs. 1.6 occ. crs.
During occupational lab time, you will apply and practice the skills, concepts, and theories pertaining to the Occupational Personal Business Skills course and the Medical Administrative Specialist/Administrative Office Specialist programs coursework. Lab will also cover exercises on making a commitment to your job, personal traits of a good employee and supervisor, working with others, personal skills and professionalism, career planning and employment, the internship/externship experience, hands-on office skills and work, and TABE® remediation. Corequisite: OTA 0101L and OTA 0490. (CH)

OTA 0595 OCCUPATIONAL INTRODUCTION TO BUSINESS 48 con. hrs. 1.6 occ. crs.
This course includes general business terminology and understanding the agencies, methods, functions and practices of modern business. Corequisite: OTA 0595L or Instructor’s Approval. (CH)

OTA 0595L OCCUPATIONAL INTRODUCTION TO BUSINESS LAB 48 con. hrs. 1.6 occ. crs.
During occupational lab time, you will apply and practice the skills, concepts, and theories pertaining to the Introduction to Business course and the Medical Administrative Specialist/Administrative Office Specialist programs coursework. Lab will also include organization and environment of a business, managing employees, business management, marketing, financial management, information technology and risk management, TABE® remediation, and hands-on office skills and work. Corequisite: OTA 0595. (CH)

OTA 0941 SECRETARIAL OFFICE INTERNSHIP 60 con. hrs. 2 occ. crs.
You will complete a related learning internship and make decisions regarding quality of work and prioritization of projects. This requirement may be satisfied through a cooperative work experience. Prerequisite: Instructor’s Approval. (CH)

OTA 0943 OCCUPATIONAL OFFICE INTERNSHIP/EXTERNSHIP 48 con. hrs. 1.6 occ. crs.
In this course, you will complete on-the-job training in an office location approved by the instructor. This internship/externship follows satisfactory completion of other program coursework. You will be required to complete 120 hours of on-the-job training. Prerequisite: Instructor’s Approval. (CH)

OTA 0949 OCCUPATIONAL BUSINESS MANAGEMENT AND ANALYSIS INTERNSHIP/EXTERNSHIP 36 con. hrs. 1.2 occ. crs.
Practical applications in an internship/externship setting of knowledge acquired in the classroom. Prerequisite: OTA 0322. (CH)
PCB 2033 INTRODUCTION TO ECOLOGY: ENVIRONMENT 3 cr. hrs.
An introduction to the study of the relationship between organisms and the environment, which has been a focus for human survival from the beginning. More than ever before, the future of our environment is directly influenced by human activities, yet we do not fully understand the consequences of those activities. While delving in to the science of Ecology, this course will also use specific local examples to introduce you to the natural environment of the Lake Wales Ridge, the Kissimmee River Valley, the Everglades, and the South Florida ecosystems in our own backyard. (G.E.) (TR)

PGY 1801 INTRODUCTION TO DIGITAL PHOTOGRAPHY 3 cr. hrs.
This course is an introduction to digital photography and the "electronic darkroom." The class will cover basic digital camera controls (you may use smartphones, compact cameras, or DSLRs), lighting, composition, and hardware. The course also covers digital editing and desktop printing using Adobe Photoshop. The course introduces legal and ethical issues pertaining to photography and digital imaging. The course is designed for Visual Arts students and will provide an understanding of the conceptual, visual, and historical background in fine art photography. Lab Fee. (TR)

PGY 1930 SELECTED TOPICS IN PHOTOGRAPHY 1-3 cr. hrs.
Selected topics centering on current interest in photography. Topics may vary from term to term. Lab Fee. (TR)

PGY 1949 CO-OP EDUCATION TRAINING ASSIGNMENT IN PHOTOGRAPHY 1-3 cr. hrs.
A first hands-on learning activity (paid or non-paid) directly related to your academic major/career objective. (TR)

PGY 2401C PHOTOGRAPHY I 3 cr. hrs.
Introduces fundamental skills in black and white photography from camera and film exposure to the darkroom printing process. You will produce a portfolio of prints with visual effectiveness and perceptual concerns as its goal. Lab Fee. (TR)

PGY 2404C PHOTOGRAPHY II 3 cr. hrs.
Course is designed to give you more technical skills in the darkroom including processing with black and white film, paper, and training in developing the eye to perceive interesting composition. Prerequisite: PGY 2401C. Lab Fee. (TR)

PGY 2949 CO-OP EDUCATION TRAINING ASSIGNMENT IN PHOTOGRAPHY 1-4 cr. hrs.
A second hands-on learning activity (paid or non-paid) directly related to your academic major/career objective. (TR)

PHI 1949 CO-OP EDUCATION TRAINING ASSIGNMENT IN PHILOSOPHY AND LOGIC 1-3 cr. hrs.
A first hands-on learning activity (paid or non-paid) directly related to your academic major/career objective. (TR)

PHI 2010 INTRODUCTION TO PHILOSOPHY 3 cr. hrs.
When you think hard about yourself, your values, your knowledge and belief systems, your life, and your place in the world, you are practicing philosophy. The course surveys the history of philosophy and introduces you to important contemporary issues and positions. You will become able to ground your personal philosophies in traditions of philosophical reasoning. Prerequisite: ENC 1101 with a grade of C or higher. (CORE) (G.E.) (TR) (DV)

PHI 2010 HONORS INTRODUCTION TO PHILOSOPHY 3 cr. hrs.
When you think hard about yourself, your values, your knowledge and belief systems, your life, and your place in the world, you are practicing philosophy. The course surveys the history of philosophy and introduces you to important contemporary issues and positions. You will become able to ground your personal philosophies in traditions of philosophical reasoning. The Honors version of this course emphasizes critical thinking and group discussions, requires a student presentation, and expects that you will be prepared and willing to engage the course material actively and independently. Prerequisite: ENC 1101 with a grade of C or higher. (CORE) (G.E.) (TR) (DV)

PHI 2949 CO-OP EDUCATION TRAINING ASSIGNMENT IN PHILOSOPHY AND LOGIC 1-4 cr. hrs.
A second hands-on learning activity (paid or non-paid) directly related to your academic major/career objective. (TR)

PHY 1949 CO-OP EDUCATION TRAINING ASSIGNMENT IN PHYSICS 1-3 cr. hrs.
A first hands-on learning activity (paid or non-paid) directly related to your academic major/career objective. (TR)

PHY 2048C GENERAL PHYSICS WITH CALCULUS I 5 cr. hrs.
The first part of a two-term introductory calculus-based physics course designed primarily for science and engineering majors. Using an inquiry-based approach, the course is taught in an integrated lecture and laboratory style with accompanying web-based applications. Topics covered include classical mechanics, including: kinematics, motion, and both linear and angular momentum. Pre/Corequisite: MAC 2311. Corequisite: PHY 2048L. Offered fall term. Lab Fee. (CORE) (G.E.) (TR)
PHY 2048C HONORS GENERAL PHYSICS WITH CALCULUS I 5 cr. hrs.
The first part of a two-term introductory calculus-based physics honors course designed for you, if you will engage actively and independently with the course material before transferring to a four-year engineering or science degree program. Course content parallels General Physics with Calculus I with additional requirements for student-led active research. Pre/Corequisite: MAC 2311. Corequisite: PHY 2048L. Offered fall term. Lab Fee.  (CORE) (G.E.) (TR)

PHY 2049C GENERAL PHYSICS WITH CALCULUS II 5 cr. hrs.
The second part of a two-term introductory calculus-based physics course designed primarily for science and engineering majors. Using an inquiry-based approach, the course is taught in an integrated lecture and laboratory style. Topics covered include: electricity, magnetism, and electric magnetic waves. Prerequisite: MAC 2311. Corequisite: PHY 2049L. Offered spring term. Lab Fee.  (G.E.) (TR)

PHY 2049C HONORS GENERAL PHYSICS WITH CALCULUS II 5 cr. hrs.
The second part of a two-term introductory calculus-based physics course designed to engage you actively and independently with the course material before transferring to a four-year engineering or science degree program. Course content parallels General Physics with Calculus II with additional requirements for student-led active research. Prerequisite: MAC 2311. Corequisite: 2049L. Offered spring term. Lab Fee.  (G.E.) (TR)

PHY 2053C GENERAL PHYSICS I 4 cr. hrs.
The first part of a two-term introductory algebra/trigonometry-based physics course designed primarily for you, if you are not majoring in engineering and science. Using an inquiry-based approach, the course is taught in an integrated lecture and laboratory style with accompanying web-based applications. Topics covered include classical mechanics, kinematics, motion, energy, and both linear and angular momentum. Prerequisite: MAC 1105. Corequisite: PHY 2053L. Offered fall term. Lab Fee.  (CORE) (G.E.) (TR)

PHY 2053C HONORS GENERAL PHYSICS I 4 cr. hrs.
The first part of a two-term introductory algebra/trigonometry-based physics course designed primarily for non-engineering and non-science majors. Using an inquiry-based approach, the course is taught in an integrated lecture and laboratory style with accompanying web-based applications. Topics covered include classical mechanics, kinematics, motion, energy, and linear and angular momentum. Course content parallels General Physics I with additional requirements for student-led active research. Prerequisite: MAC 1105. Corequisite: PHY 2053L. Offered fall term. Lab Fee.  (CORE) (G.E.) (TR)

PHY 2054C GENERAL PHYSICS II 4 cr. hrs.
The second part of a two-term introductory algebra/trigonometry-based physics course designed for non-engineering and non-science majors. Using an inquiry-based approach, the course is taught in an integrated lecture and laboratory style with accompanying web-based applications. Topics covered include: thermodynamics, oscillations and wave motion, electricity and magnetism, and optics. Prerequisite: MAC 1105. Corequisite: PHY 2054L. Offered spring term. Lab Fee.  (G.E.) (TR)

PHY 2054C HONORS GENERAL PHYSICS II 4 cr. hrs.
The second part of a two-term introductory algebra/trigonometry-based physics course designed for non-engineering and non-science majors. Using an inquiry-based approach, the course is taught in an integrated lecture and laboratory style with accompanying web-based applications. Topics covered include: thermodynamics, oscillations and wave motion, electricity and magnetism, and optics. Course content parallels General Physics II with additional requirements for student-led active research. Prerequisite: MAC 1105. Corequisite: PHY 2054L. Offered spring term. Lab Fee.  (G.E.) (TR)

PHY 2936 SPECIAL TOPICS IN PHYSICS 1-4 cr. hrs.
Each topic is a course in directed study under the supervision of a faculty member. This course may be repeated.  (TR)

PHY 2949 CO-OP EDUCATION TRAINING ASSIGNMENT IN PHYSICS 1-4 cr. hrs.
A second hands-on learning activity (paid or non-paid) directly related to your academic major/career objective.  (TR)

PMA 2230 PEST MANAGEMENT FOR BIOMASS FEEDSTOCK - Deleted

PMT 1250C COMPUTER NUMERICAL CONTROL (CNC) I 3 cr. hrs.
This course teaches the development of CNC machine programming methods, blueprint reading, gauging, statistical process control (SPC), set up and operation of drilling, milling and tuning. Prerequisite: Instructor's Approval.  (TR)

PMT 2254C COMPUTER NUMERICAL CONTROL (CNC) II 3 cr. hrs.
Topics covered include tool and fixture offsets, plus outside programming from CAD/CAM software. You will operate CNC machines in the advanced manufacturing lab. Prerequisite: PMT 1250C or Instructor's Approval.  (TR)

POS 1041 AMERICAN GOVERNMENT 3 cr. hrs.
This course covers the structure and operation of the American federal government emphasizing the basic governing principles of the U.S. Constitution and the historical development of the American political system. You will examine the formal and informal components of institutions and the political process. Offered online and face-to-face formats.  (CORE) (CLR) (G.E.) (TR)
### POS 1041 HONORS AMERICAN GOVERNMENT 3 cr. hrs.
This course covers the structure and operation of the American federal government emphasizing the basic governing principles of the U.S. Constitution and the historical development of the American political system. You will examine the formal and informal components of institutions and the political process. Offered online and face-to-face formats. (CORE) (CLR) (G.E.) (TR)

### POS 1112 AMERICAN STATE AND LOCAL GOVERNMENTS 3 cr. hrs.
This course surveys the essential organizational features of the following aspects of government at the State level: relations between the national government and the states; the structure and activities of State executives, legislatures, and the judicial branch; relationships between the State and local units of government; and a review of the basic programs and service provided by State and local government. Research projects, analysis, and discussion of contemporary issues will be emphasized. (TR)

### POS 1949 CO-OP EDUCATION TRAINING ASSIGNMENT IN POLITICAL SCIENCE 1-3 cr. hrs.
A first hands-on learning activity (paid or non-paid) directly related to your academic major/career objective. (TR)

### POS 2949 CO-OP EDUCATION TRAINING ASSIGNMENT IN POLITICAL SCIENCE 1-3 cr. hrs.
A second hands-on learning activity (paid or non-paid) directly related to your academic major/career objective. (TR)

### PRN 0098L PRACTICAL NURSING FOUNDATIONS CLINICAL 300 con. hrs. 10 occ. crs.
This clinical/lab is designed to provide you with hands-on experience in the application of fundamental practical nursing skills. It presents an opportunity for you to learn how to provide basic practical nursing care to patients in varied healthcare settings. This clinical/lab allows you to practice the guiding principles of competence and commitment, as core concepts of the Practical Nursing Program. You must earn a final grade of P to complete this course. Corequisite: PRN 0098L. Lab Fee. (CH)

### PRN 0379 MEDICAL-SURGICAL NURSING THEORY 245 con. hrs. 8.2 occ. crs.
This course introduces major diseases and disorders and the physiological impact of illness and disease upon individuals. It correlates the knowledge of administration of medication, pharmacology, nutrition, and diseases to the nursing care of medical-surgical and geriatric patients. This course reinforces competence and commitment which are core concepts of the Practical Nursing program. You must earn a final grade of 75% or higher. Corequisite: PRN 0379L. Lab Fee. (CH)

### PRN 0379L MEDICAL-SURGICAL NURSING CLINICAL I 280 con. hrs. 9.3 occ. crs.
This course introduces major diseases and disorders and the physiological impact of illness and disease upon individuals. It correlates the knowledge of drugs, nutrition, and diseases to the nursing care of the medical, surgical, and geriatric patients. This course reinforces competence and commitment which are core concepts of the Practical Nursing program. You must earn a grade of P to complete this clinical. Corequisite: PRN 0379. (CH)

### PRN 0384L MEDICAL-SURGICAL NURSING CLINICAL II 150 con. hrs. 5 occ. crs.
This course is part two of medical-surgical nursing clinical. It reinforces the major diseases and disorders and the physiological impact of illness and disease upon individuals; correlates the knowledge of drugs, nutrition, and diseases to the nursing care of the medical-surgical patient. This course reinforces competence and commitment which are core concepts of the Practical Nursing program. You must earn a grade of P to complete this clinical. Prerequisite: PRN 0379L. (CH)

### PRN 0690 COMPREHENSIVE NURSING AND TRANSITIONAL SKILLS THEORY 110 con. hrs. 3.7 occ. crs.
This course will assist you in identifying and meeting the needs of the patient and family unit across the lifespan and across healthcare settings. Emphasis is made on care of the pediatric patient and the childbearing family. This course will emphasize application of the nursing process in the provision of nursing care in the community setting. Strengthening communication skills and applying practical nursing principles
to population health issues are emphasized. This course will also introduce you to leadership roles and outline professional growth, career expectations, and responsibilities of the practicing practical nurse. This course reinforces the guiding principles of competence and commitment, as core concepts of the Practical Nursing Program. You must earn a final grade of 75% or higher for successful course completion. Prerequisites: PRN 0379 and PRN 0379L. Corequisite: PRN 069L. Lab Fee. (CH)

PRN 0690L COMPREHENSIVE NURSING AND TRANSITIONAL SKILLS CLINICAL
40 con. hrs. 1.3 occ. crs.
This clinical prepares you to care for patients, families, and communities across the lifespan with a special emphasis on care of the pediatric patient and the childbearing family. You will complete clinical rotations in acute care and community settings. You will have the opportunity to apply principles of leadership and review plans for personal professional growth. This course reinforces the guiding principles of competence and commitment, as core concepts of the Practical Nursing Program. You must earn a final grade of P to complete this clinical. Prerequisites: PRN 0379 and PRN 0379L. Corequisite: PRN 069L. (CH)

PRN 0930 SELECTED TOPICS IN NURSING
30-240 con. hrs. 1-8 cr. hrs.
Selected topics centering on current interest in nursing. Topics may vary from term to term. (CH)

PSC 1121 PHYSICAL SCIENCE 3 cr. hrs.
A non-laboratory introductory study of physical science designed for non-science majors. Covers selected topics from physics, chemistry, geology and astronomy in order to help understand and appreciate the fundamental laws of nature. (G.E.) (TR)

PSC 1949 CO-OP EDUCATION TRAINING ASSIGNMENT IN PHYSICAL SCIENCES
1-3 cr. hrs.
A first hands-on learning activity (paid or non-paid) directly related to your academic major/career objective. (TR)

PSC 2949 CO-OP EDUCATION TRAINING ASSIGNMENT IN PHYSICAL SCIENCES
1-4 cr. hrs.
A second hands-on learning activity (paid or non-paid) directly related to your academic major/career objective. (TR)

PSY 1949 CO-OP EDUCATION TRAINING ASSIGNMENT IN PSYCHOLOGY
1-3 cr. hrs.
A first hands-on learning activity (paid or non-paid) directly related to your academic major/career objective. (TR)

PSY 2012 INTRODUCTION TO PSYCHOLOGY
3 cr. hrs.
This is an introduction to the scientific study of human behavior. Emphasis is on the processes of thinking and learning as the basis for individual adjustment to the physical and social environment. (CORE) (G.E.) (TR)

PSY 2949 CO-OP EDUCATION TRAINING ASSIGNMENT IN PSYCHOLOGY
1-3 cr. hrs.
A second hands-on learning activity (paid or non-paid) directly related to your academic major/career objective. (TR)

REA 0007C READING I 4 coll. prep. crs.
Topics include: main idea; supporting details; author’s purpose; author’s tone; fact and opinion; organizational patterns; relationships; vocabulary in context; inference and conclusions; reasoning and argument. Laboratory activities in addition to class are required. This college preparatory course does not count toward the associate degrees. Prerequisite: Designated score on placement test. Corequisite: REA 0007L. Lab required. (PR)

REA 0017C READING II 4 coll. prep. crs.
Topics include: main idea; supporting details; author’s purpose; author’s tone; fact and opinion; organizational patterns; relationships; bias; vocabulary in context; inference and conclusions; reasoning and argument. Laboratory activities in addition to class are required. This college preparatory course does not count toward the associate degrees. Prerequisite: Designated score on placement test or successful completion of REA 0007C. Corequisite: REA 0017L. This course will be offered online in fall term. Lab required. (PR)

REA 0019 COMPRESSED DEVELOPMENTAL READING I 3 coll. prep. crs.
In this 8 week course, you will learning topics such as the main idea; supporting details; author’s purpose; author’s tone; fact and opinion; organizational patterns; relationships; vocabulary in context; inference and conclusions; reasoning and argument. Online activities in addition to class are required. This college preparatory course does not count toward the associate degrees. Prerequisite: Designated score on placement test. (PR)

REA 0022 COMPRESSED DEVELOPMENTAL READING II 3 coll. prep. crs.
In this 8 week course, you will learning topics such as the main idea; supporting details; author’s purpose; author’s tone; fact and opinion; organizational patterns; relationships; bias; vocabulary in context; inference and conclusions; reasoning and argument. Online activities in addition to class are required. This college preparatory course does not count toward the associate degrees. Prerequisite: Designated score on placement test or successful completion of REA 0019. (PR)

REA 0055 READING SEMINAR 1 cr. hr.
This seminar is a corequisite reading seminar for the Master Student/College Success course. This seminar will
emphasize critical reading/comprehension skills needed for success in college. Corequisite: SLS 1501. (PR)

REA 1105 COLLEGE READING/Critical Analysis 3 cr. hrs.
This course is a college level reading course that emphasizes critical reading/comprehension skills needed for success in college. This course will develop college level vocabulary and learning strategies as well as higher order thinking skills. (TR)

REA 1949 Co-op Education Training Assignment in Reading 1-3 cr. hrs.
A first hands-on learning activity (paid or non-paid) directly related to your academic major/career objective. (TR)

REA 2949 Co-op Education Training Assignment in Reading 1-3 cr. hrs.
A second hands-on learning activity (paid or non-paid) directly related to your academic major/career objective. (TR)

RED 3012 Basic Foundations of Reading 3 cr. hrs.
This course is designed to provide you with information on balanced reading instruction in grades Pre-K-6. Specific topics addressed will include: theories/models of the reading process, language acquisition, phonemic awareness, word identification strategies (sight vocabulary, phonics knowledge, structural analysis, and contextual analysis), vocabulary development strategies, comprehension strategies, reading-writing connections, and assessments (formal and informal). This course requires some field experience in a K-6 classroom setting. Prerequisite: Program Admission. Lab Fee. (TR)

RED 3519 Diagnostic and Corrective Reading Strategies 3 cr. hrs.
In this course, you will investigate the diagnosis and remediation processes in reading instruction in the classroom. You will practice in diagnosing reading strengths and weaknesses, planning for remediation in reading, and reporting reading diagnostic evaluation results. This course requires some field experience in a K-6 classroom setting. Prerequisite: RED 3012. (TR)

RED 4942 Practicum for Assessment and Instruction of Reading 3 cr. hrs.
This supervised practicum will provide you with the opportunity to apply knowledge of reading assessment and instruction in order to increase reading proficiency of struggling readers. Experiences are provided in diagnosis, instructional planning for remediation, implementation of reading interventions, ongoing evaluation of the reading progress, and communication with parents. This course requires field experience in a K-6 classroom setting which will coincide with your Elementary Education Internship I placement. Hours may vary. Prerequisite: RED 3519. Corequisite: EDE 4942. Lab Fee. (TR)

REL 2300 Comparative Religion 3 cr. hrs.
This course is a comparison of the ideas, literature, and institutions of the major living religions of the world including Judaism, Christianity, Islam from the Near East and Hinduism, Confucianism, and Buddhism from the Far East. This course involves a general comparison of Western and Eastern beliefs. You are required to demonstrate college-level English skills through multiple assignments and earn a grade of C or higher in this course. Prerequisite: Successful completion of ENC 1101 with a grade of C or higher. (G.E.) (TR) (DV)

REL 2949 Co-op Education Training Assignment in Religion 1-4 cr. hrs.
Cooperative in education training directly related to your academic major/career objectives. (TR)

RTE 1418C Principles of Radiography I 2 cr. hrs.
This course provides you with a basic knowledge of atomic structure and terminology. Also presented are the nature and characteristics of radiation, x-ray production and the fundamentals of photon interactions with matter. Prerequisite: Program Admission. Corequisite: RTE 1503C. (TR)

RTE 1503C Radiographic Procedures I 4 cr. hrs.
This course provides you with the standard terminology and theoretical foundations necessary to develop the psychomotor skills that are essential to perform standard radiographic imaging procedures of the chest, abdomen, and upper extremities. Energized laboratory demonstrations will be used to complement the lecture portion of this course. Prerequisite: Program Admission. Corequisite: RTE 1418C. (TR)

RTE 1513C Radiographic Procedures II 4 cr. hrs.
This course provides you with the standard terminology and theoretical foundations necessary to develop the psychomotor skills that are essential to perform standard radiographic imaging procedures of the humerus, shoulder girdle, lower extremity, pelvic girdle, cervical and thoracic vertebra. Energized laboratory demonstrations will be used to complement the lecture portion of this course. Prerequisite: RTE 1503C. Corequisite: RTE 1814L. (TR)

RTE 1523C Radiographic Procedures III 4 cr. hrs.
This course provides you with the standard terminology and theoretical foundations necessary to develop the psychomotor skills that are essential to perform standard radiographic imaging procedures of the lumbar vertebrae,
sacrum, coccyx, sacroiliac articulations, scoliosis survey, and bony thorax. Energized laboratory demonstrations will be used to complement the lecture portion of this course. Prerequisite: RTE 1513C. Corequisite: RTE 1824L. (TR)

RTE 1814L RADIOGRAPHY CLINICAL EDUCATION I 2 cr. hrs.
Radiography Clinical Education I is a supervised clinical experience and competency evaluation of professional interaction and performance of routine radiographic procedures with emphasis on radiation protection, patient care, equipment orientation, radiographic technique, image processing procedures and image quality evaluation. Corequisite: RTE 1513C. Lab Fee. (TR)

RTE 1824L RADIOGRAPHY CLINICAL EDUCATION II 2 cr. hrs.
Supervised clinical experience and competency evaluation of professional interaction and performance of routine radiographic procedures with emphasis on radiation protection, patient care, equipment orientation, radiographic technique, image processing procedures and image quality evaluation. Corequisite: RTE 1814L. Corequisite: RTE 1523C. Lab Fee. (TR)

RTE 2061 RADIOGRAPHIC SEMINAR 3 cr. hrs.
This course is designed to provide a forum for student research and review of all aspects of radiography. Prerequisite: RTE 2782. Corequisite: RTE 2854L. (TR)

RTE 2385 RADIATION BIOLOGY AND PROTECTION 3 cr. hrs.
This course presents an overview of the principles of radiation protection, including the responsibilities of the radiographer for patients, personnel and the public. Radiation health and safety requirements of federal and State regulatory agencies, accreditation agencies and health care organizations are incorporated. Course also provides an overview of the principles of the interaction of radiation with living systems, effects on molecules, cells, tissues and the body as a whole and presents an overview of the acute and chronic effects of radiation. Prerequisite: RTE 2763. Corequisite: RTE 2844L. (TR)

RTE 2563 PRINCIPLES OF RADIOGRAPHY III 3 cr. hrs.
This course provides you with an understanding of the components, principles and operation of digital imaging systems found in diagnostic radiology. Factors that impact image acquisition, display, archiving and retrieval are discussed. Principles of digital system quality assurance and maintenance are presented. Prerequisite: RTE 1458. Corequisite: RTE 1824L. (TR)

RTE 2609C PRINCIPLES OF RADIOGRAPHY IV 2 cr. hrs.
This course provides you with a knowledge base in radiographic, fluoroscopic and mobile equipment requirements and design. The content also provides a basic knowledge of quality control. Prerequisite: RTE 2563. Corequisite: RTE 2834L. (TR)

RTE 2763C INTRODUCTION TO SECTIONAL ANATOMY AND COMPUTED TOMOGRAPHY 4 cr. hrs.
This course provides you with an introduction to and principles related to computed tomography (CT) imaging to produce computer-generated sectional images of anatomical structures within the head, neck, chest, abdomen, and pelvis in multiple dimensions. This course also provides you with the standard terminology and theoretical foundations necessary to develop the psychomotor skills that are essential to perform radiographic imaging procedures of the cranium, and special studies such as arthrography, and myelography. Prerequisite: RTE 1523C. Corequisite: RTE 2834L. (TR)

RTE 2782 RADIOGRAPHIC PATHOLOGY 3 cr. hrs.
Course content will provide you with an introduction to the concept of disease. Pathology and disease as it relates to various radiographic procedures will be discussed. Assignments include oral case presentations. Course content will provide you with an introduction to the origins of medical terminology, and introduce you to concepts related to disease and etiology with an emphasis on radiographic appearance of disease and its impact on exposure factor selection. Prerequisite: RTE 2763. Corequisite: RTE 2385. (TR)

RTE 2834L RADIOGRAPHY CLINICAL EDUCATION III 3 cr. hrs.
Course offers supervised clinical experience and competency evaluation of professional interaction and performance of routine radiographic procedures with emphasis on radiation protection, patient care, equipment orientation, radiographic technique, image processing procedures and image quality evaluation. Prerequisite: RTE 1824L. Corequisite: RTE 2609C. Lab Fee. (TR)

RTE 2844L RADIOGRAPHY CLINICAL EDUCATION IV 3 cr. hrs.
Course offers supervised clinical experience and competency evaluation of professional interaction and performance of routine radiographic procedures with emphasis on radiation protection, patient care, equipment orientation, radiographic technique, image processing procedures and image quality evaluation. Prerequisite: RTE 2834L. Corequisite: RTE 2385. Lab Fee. (TR)

RTE 2854L RADIOGRAPHY CLINICAL EDUCATION V 3 cr. hrs.
Course offers supervised clinical experience and competency evaluation of professional interaction and performance of routine radiographic procedures with emphasis on radiation protection, patient care, equipment orientation, radiographic technique, image processing procedures and image quality evaluation. Prerequisite: RTE 2844L. Corequisite: RTE 2061. Lab Fee. (TR)

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SCE 3310 TEACHING SCIENCE IN THE ELEMENTARY SCHOOL 3 cr. hrs.
In this course, you will learn to teach science in the elementary school setting. You will learn about instructional philosophy, methodology, and content of elementary school science. (TR)

SCM 0500 OCCUPATIONAL SUPPLY CHAIN MANAGEMENT 48 con. hrs. 1.6 occ. crs.
This course provides an overview of logistics and supply chain management. Topics include career pathways, cost effectiveness, professional communication, regulatory compliance, transportation systems, physical logistics environment and effective product handling. Corequisite: SCM 0500L. (CH)

SCM 0500L OCCUPATIONAL SUPPLY CHAIN MANAGEMENT LAB 48 con. hrs. 1.6 occ. crs.
This lab provides an overview of logistics and supply chain management with hands-on activities in the learning lab. Topics include but not limited to warehouse management which involve hands-on projects in the warehouse, safety, regulations, cost containment, and organization. Corequisite: SCM 0500. (CH)

SLS 0936 WORK SUCCESS 30-180 con. hrs. 1-6 occ. crs.
This course is designed to provide you with an opportunity to develop and improve skills including active listening, level reading, note-taking, test-taking, library use, memory/recall techniques, and use of resources. (CH)

SLS 1106 FIRST-YEAR EXPERIENCE SEMINAR 1 cr. hr.
This course is designed to provide a collaborative forum to guide students transitioning into college by developing and strengthening skills essential to success in college and beyond. The College orientation is required as the first four hours of the course. (TR)

SLS 1106 HONORS FIRST-YEAR EXPERIENCE SEMINAR 1 cr. hr.
This Honors course provides a collaborative forum to guide beginning Honors students transitioning into college by developing and strengthening skills essential to success in college and beyond. The College orientation is required as the first four hours of the course. An orientation to the Honors Program is also included. (TR)

SLS 1351 FIVE GENERATIONS AT WORK 2 cr. hrs.
This course will help you get and keep a job and provide the basis for career advancement throughout your life. You will develop the knowledge and understanding of the differences between the five diverse generations of people currently in the workforce to help you navigate cross-generational boundaries and excel in the workplace. You will develop survival skills for managing conflict, change, stress and burn-out as well as explore the new rules of technology etiquette, professionalism, ethics, and accountability needed in today’s work environment which will allow you to differentiate yourself in positive ways to build and foster relationships in your professional career. (TR)

SLS 1501 MASTER STUDENT/COLLEGE SUCCESS 3 cr. hrs.
This course is designed to provide you with an opportunity to develop and improve academic skills including active listening, college-level reading, note-taking, test-taking, library use, memory/recall techniques, and use of resources. You will determine your individual learning styles and determine how to adjust your method of learning for greater success. Health, finances, relationships, and attitudes which may interfere with academic success are discussed. (TR)

SLS 1949 CO-OP EDUCATION TRAINING ASSIGNMENT IN INTERDISCIPLINARY STUDIES 1-3 cr. hrs.
A first hands-on learning activity (paid or non-paid) directly related to your academic major/career objective. (TR)

SLS 2301 CAREER PLANNING 3 cr. hrs.
This course deals with structured career planning assistance including systematic study and review of interest, values, aptitude, employability skills, job search planning, career exploration, and communication skills development. (TR)

SLS 2304 CAREER EXPLORATION 1 cr. hr.
This course is designed for self-paced individualized career exploration. (TR)

SLS 2949 CO-OP EDUCATION TRAINING ASSIGNMENT IN INTERDISCIPLINARY STUDIES 1-3 cr. hrs.
This course is designed to enable you to demonstrate competencies in a specific career and to demonstrate legal and ethical behavior within the role and scope of job responsibilities through a realistic, on-the-job training experience. An individualized training plan is developed and utilized to ensure that training is provided which will develop the necessary competencies/skills in order for you to become competent in the occupation for which you have been trained. The training plan is the “curriculum” for the on-the-job training. After successful completion of DCT 1, DCT 2, or equivalents and DCT-OJT, you will have met an approved Occupational Completion Point. (TR)

SPC 1949 CO-OP EDUCATION TRAINING ASSIGNMENT IN SPEECH 1-3 cr. hrs.
A first hands-on learning activity (paid or non-paid) directly related to your academic major/career objective. (TR)
Prerequisite: SPN 2220C. (TR)
and verb review. Writing and translation are emphasized.

SPN 2220C INTERMEDIATE SPANISH I  4 cr. hrs.
A continuation of SPN 1120C, with more emphasis on grammar and verb tenses. Listening comprehension and oral recitation are stressed. Prerequisite: SPN 1120C or equivalent. (TR)

SPN 2220C INTERMEDIATE SPANISH II  4 cr. hrs.
A continuation of SPN 2220C, completing a grammar and verb review. Writing and translation are emphasized. Prerequisite: SPN 2220C. (TR)

SPN 2221C INTERMEDIATE SPANISH II  4 cr. hrs.
A continuation of SPN 2220C, with more emphasis on grammar and verb tenses. Listening comprehension and oral recitation are stressed. Prerequisite: SPN 2220C or equivalent. (TR)

SPC 2410 HONORS PARLIAMENTARY PROCEDURE  1 cr. hr.
This is a study of the standard parliamentary practices by which self-governing groups determine their course of action. This may be used as one of the minimum requirements towards enrollment in an Honors Program. (TR)

SPC 2608 FUNDAMENTALS OF SPEECH COMMUNICATION  3 cr. hrs.
An introduction to the process of speech communication through an analysis of the theoretical aspect of interpersonal communication and public speaking. Practical application of this theory is through subject analysis, research, outline development, and in-class speech presentations. (G.E.) (TR)

SPC 2608 HONORS FUNDAMENTALS OF SPEECH COMMUNICATION  3 cr. hrs.
An introduction to the process of speech communication through an analysis of the theoretical aspect of interpersonal communication and public speaking. Practical application of this theory is through subject analysis, research, outline development, and in-class speech presentations. Offered spring term only. (G.E.) (TR)

SPN 2949 CO-OP EDUCATION TRAINING ASSIGNMENT IN SPANISH  1-3 cr. hrs.
A second hands-on learning activity (paid or non-paid) directly related to your academic major/career objective. (TR)

SSE 3312 TEACHING SOCIAL SCIENCE IN THE ELEMENTARY SCHOOL  3 cr. hrs.
This course is designed to enable you to acquire proficiency in teaching social studies in elementary school. You will learn methods and strategies to use when teaching social science in elementary grades. (TR)

STA 2023 ELEMENTARY STATISTICS  3 cr. hrs.
This is a study of fundamental statistical methods including organization, analysis and interpretation of numerical data, measures of central tendency and dispersion, statistical distributions, sampling techniques, hypothesis testing, probability, z-tests, chi-square tests, correlations, and regression equations. Prerequisite: MAT 1033 with a grade of C or higher, or equivalent. (CORE) (G.E.) (TR)

STA 2023 HONORS ELEMENTARY STATISTICS  3 cr. hrs.
This is a study of fundamental statistical methods including organization, analysis and interpretation of numerical data, measures of central tendency and dispersion, statistical distributions, sampling techniques, hypothesis testing, probability, z-tests, chi-square tests, correlations, and regression equations. The Honors course requires a research project that focuses on data exploration, interpretation, and analysis. Prerequisite: MAT 1033 with a grade of C or higher, or equivalent. (CORE) (G.E.) (TR)

SWS 1102 SOILS AND FERTILIZATION  3 cr. hrs.
Fundamentals of soil science including the chemical and biological factors affecting soil fertility and the relationship of natural fertility, texture, and pH of soil to the use of chemical fertilizers. (TR)

SYG 1949 CO-OP EDUCATION TRAINING ASSIGNMENT IN SOCIOLOGY  1-3 cr. hrs.
A first hands-on learning activity (paid or non-paid) directly related to your academic major/career objective. (TR)

SYG 2000 GENERAL SOCIOLOGY  3 cr. hrs.
This course is an introduction to basic sociological concepts. You will be familiarized with the methods and procedures used by social scientists in collecting data and conducting research. Topics generally covered include: culture, socialization, social groups, socioeconomic class, race and ethnicity, institutions, population, and social change. (CORE) (G.E.) (TR) (DV)

SYG 2000 HONORS GENERAL SOCIOLOGY  3 cr. hrs.
This course is an introduction to basic sociological concepts. You will be familiarized with the methods and procedures used by social scientists in collecting data and conducting research. Topics generally covered include: culture,
socialization, social groups, socioeconomic class, race and ethnicity, institutions, population, and social change. Course content parallels General Sociology with additional requirements for student participation in active research and service learning projects. (CORE) (G.E.) (TR)

SYG 2430  MARRIAGE AND FAMILY  3 cr. hrs.
This introductory course is to study marriage, family, and intimate relationships, utilizing the sociological perspective. Particular emphasis will be given to the history and future of the American family, diverse forms of family, gender roles, mate selection, forming relationships, parenting, communication and conflict resolution, families, work and the economy, family violence and crises, divorce, and remarriage in contemporary society. (TR)

SYG 2941  SOCIOLOGY OVERSEAS STUDY  1-3 cr. hrs.
Through travel and college-level assignments, students in this sociology course will fulfill a curriculum specifically designed to study issues of the society and culture of the destination country. Such issues could be put in a global context, in a comparative format, or in another framework and could include such sociological concepts as culture, socialization, social groups, socioeconomic class, race and ethnicity, institutions, population, and social change. (TR)

SYG 2949  CO-OP EDUCATION TRAINING ASSIGNMENT IN SOCIOLOGY  1-3 cr. hrs.
A second hands-on learning activity (paid or non-paid) directly related to your academic major/career objective. (TR)

TAX 2000  PERSONAL INCOME TAX  3 cr. hrs.
A study of tax laws and procedures for individuals including self-employment returns for sole proprietorships, utilizing the Internal Revenue Code Regulations. (TR)

TDR 0130C  COMPUTER-AIDED DESIGN AND MEASUREMENT  120 con. hrs.  4 occ. crs.
In this course, you will study the principles of design for manufacturing, how to accurately read and interpret blueprints and schematics, graphic design, and computer-aided drawing, and use precision measurement tools and instruments. (CH)

THE 1925  THEATRE PRACTICUM  1 cr. hr.
Designed to give you experience in various aspects of a college theatrical production. This course is open to you, if you are interested in participating in productions of college -theater. May be repeated twice; maximum of 3 credits. Prerequisite: Instructor’s Approval. (TR)

THE 2000  THEATRE APPRECIATION  3 cr. hrs.
The study of dramatic works and their performance. Includes instruction on major works of dramatic literature, audience experience through history and culture, and the principles of organizing and producing plays. Study of the basic elements, theory, and forms of written plays and theatrical productions. You will understand the functions of theatrical artists and origins and purposes of the theatre. You will be required to demonstrate college-level English skills through multiple assignments and earn a grade of C or higher. Prerequisite: Successful completion of ENC 1101 with a grade of C or higher. (CORE) (G.E.) (TR)

THE 2010  THEATRE HISTORY AND APPRECIATION  - Deleted

THE 2905  DIRECTED INDEPENDENT STUDY IN THEATRE HISTORY-BRITISH THEATRE  3 cr. hrs.
Each topic is a course in directed study under the supervision of a faculty member. (TR)

THE 2930  SPECIAL TOPICS IN THEATRE  1-4 cr. hrs.
Special topics centering on current interest in Theatre. Topics may vary from term to term. (TR)

THE 2949  CO-OP EDUCATION TRAINING ASSIGNMENT IN DRAMATICS  1-4 cr. hrs.
Cooperative in education training directly related to your academic major/career objectives. (TR)

TRA 0260  CDL FOR ELECTRICAL LINE SERVICE I  60 con. hrs.  2 occ. crs.
This introductory CDL course provides instruction for you, if you are in the Electrical Distribution Technology (EDT) Program. It allows you to gain training and valuable experience operating EDT vehicles, learning safe driving practices, Department of Transportation (DOT) requirements, and applicable driving laws and regulations. Prerequisites: CDL class “A” permit and DOT physical required prior to enrolling. Lab Fee. (CH)

TRA 0261  CDL FOR ELECTRICAL LINE SERVICE II  45 con. hrs.  1.5 occ. crs.
This course provides valuable Electrical Line Service (ELS) experience operating ELS vehicles and learning how to pre-trip, conduct vehicle inspection procedures and carry out basic vehicle control procedures. Prerequisite: TRA 0260 or Instructor’s Approval. Lab Fee. (CH)

TRA 0262  CDL FOR ELECTRICAL LINE SERVICE III  45 con. hrs.  1.5 occ. crs.
This advanced CDL course provides valuable Electrical Line Service (ELS) experience operating ELS vehicles. Course instruction includes demonstration of trailer hookups, basic vehicle maneuvers, road driving skills under normal conditions, and demonstrating hazardous driving skills. Prerequisite: TRA 0261 or Instructor’s Approval. Lab Fee. (CH)

TRA 1154  INTRODUCTION TO SUPPLY CHAIN MANAGEMENT  3 cr. hrs.
This course is an introduction to principles, functions and techniques in the field of Supply Chain Management
(SCM) necessary for delivery of goods and services from suppliers to customers. You will be introduced to purchasing management, supplier relationships, operations issues in supply chain management, transportation, customer relationship management, inventory domestic and global logistics. Lab Fee. (TR)

**TRA 2010 TRANSPORTATION AND DISTRIBUTION**  
3 cr. hrs.  
This course deals with the role of transportation as a critical component of global supply chains. You will be introduced to various modes of transportation motor carriers, railroads, airlines and water, transportation regulations, transportation costing, and pricing, risk management, planning and execution. (TR)

**TRA 2131 PURCHASING AND INVENTORY MANAGEMENT** 3 cr. hrs.  
This course covers the study of purchasing skills as they relate within logistics. Cases cover purchasing and supply chain issues in a variety of settings. Emphasis is on the purchasing process as it relates to such topics as inventory control procedures, price/cost analysis, law and ethics, vendor selection and development of vendor relationships. (TR)

**TRA 2230 WAREHOUSE MANAGEMENT** 3 cr. hrs.  
Course is an introduction to the practical concept of warehousing including the types of equipment, storage processes and systems, technologies used to identify and track units in a warehouse, and regulations designed to ensure safety in warehouse operations. Lab Fee. (TR)

**TSL 3243 FOUNDATIONS OF ESOL - SECOND LANGUAGE ACQUISITION, COMMUNICATION, AND CULTURE** 3 cr. hrs.  
This course provides an overview of ways to teach English Language Learners (ELLs) from diverse cultural backgrounds and at varying English proficiency levels. It is designed to present information and skills concerning the education of ELLs as well as effective ways to communicate with their families. The primary focus is on the ESOL Domains of Cross-Cultural Communications and Applied Linguistics in second language teaching. A secondary focus is on Methods of Teaching English to Speakers of Other Languages (ESOL). In addition, the requirements of the LULAC et al. vs. State Board of Education Consent Decree are presented and you must meet with at least one ELL to complete course assignments. Prerequisite: Program Admission. (TR)

**TSL 4347 METHODS OF TEACHING AND ASSESSING ESOL STUDENTS** 3 cr. hrs.  
In this course, you will be able to synthesize and reinforce concepts and theories related to the teaching of limited English proficient students. This course primarily covers the three ESOL Domains of Methods, Curriculum and Instruction, and Assessment. A secondary focus is on culture, language, and literacy. You will examine research-based strategies in supporting English Language Learners’ (ELLs’) language and academic development; assess ELL and plan reading lessons to accommodate the academic and language needs of all students. A field experience in a K-12 school setting is aligned with the Practicum for Assessment and Instruction of Reading (RED 4942) and Elementary Education Internship I (EDE 4942) for you to observe, plan, teach, and assess ELLs. (TR)

**WOH 2040 WORLD HISTORY IN THE 20TH CENTURY** 3 cr. hrs.  
This course is a survey of the history of the world as a whole. The emphasis is on cultural, political, social, and economic developments in the world in the twentieth century and their influence on world relations. (G.E.) (TR)
DIRECTORY
Full-Time Faculty and Staff
Highlands Campus Map
DeSoto Campus Map
Hardee Campus Map
Lake Placid Center Map
Index
### 2020-2021 Full-Time Faculty and Staff

<table>
<thead>
<tr>
<th>Name</th>
<th>Year</th>
<th>Position</th>
<th>Degrees/Majors/Institutions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adams, Tina</td>
<td>2012</td>
<td>Professor/Lead Instructor, Supervision and Management</td>
<td>B.S., Auburn University; M.B.A., Alabama A&amp;M University; D.B.A., Argosy University</td>
</tr>
<tr>
<td>Anderson, Clinton</td>
<td>2018</td>
<td>Testing Specialist, Testing Assessment Center</td>
<td>A.A., South Florida State College; B.A., Warner University</td>
</tr>
<tr>
<td>Andrews, Elizabeth D.</td>
<td>2006</td>
<td>Professor, English</td>
<td>B.A., M.S., M.Ed., University of South Florida</td>
</tr>
<tr>
<td>Ashworth, Steven L.</td>
<td>2003</td>
<td>Director, EMS and Fire Science Programs</td>
<td>A.S., Polk Community College; B.A., Warner Southern College</td>
</tr>
<tr>
<td>Austin, Davida M.</td>
<td>1994</td>
<td>Chair and Professor, Mathematics</td>
<td>B.S., Florida A&amp;M University; M.S., Nova Southeastern University; Further Graduate Study - University of South Florida</td>
</tr>
<tr>
<td>Austin Sr., Michael</td>
<td>2014</td>
<td>Coordinator, Criminal Justice Programs</td>
<td>A.A.S., South Florida State College; B.A., University of South Florida</td>
</tr>
<tr>
<td>Bateman, Jamie</td>
<td>2015</td>
<td>Executive Director, Institutional Advancement</td>
<td>B.S., Webber International University; M.B.A., Webster University</td>
</tr>
<tr>
<td>Bello, Adela</td>
<td>2015</td>
<td>Director, Testing and Assessment Center</td>
<td>B.S., Ft. Lauderdale College</td>
</tr>
<tr>
<td>Blandin, Katrina</td>
<td>2006</td>
<td>Student Services Advisor, Hardee Campus</td>
<td>A.A., B.A.S., South Florida State College</td>
</tr>
<tr>
<td>Bobo, Christiana</td>
<td>2019</td>
<td>HSI-STEM College Success Coach, Cross Country</td>
<td>B.S., Liberty University</td>
</tr>
<tr>
<td>Bohan, Amy</td>
<td>2018</td>
<td>Instructor, Biology</td>
<td>B.S., M.S., Auburn University</td>
</tr>
<tr>
<td>Bohan, Thomas</td>
<td>2019</td>
<td>College Recruiter</td>
<td>A.A., South Florida State College; B.A., Florida Southern College</td>
</tr>
<tr>
<td>Briand, Joan</td>
<td>2016</td>
<td>Instructor, Speech/Communication</td>
<td>A.A., Northwest Florida State College; B.A., Metropolitan State College of Denver; M.A., University of Colorado – Denver</td>
</tr>
<tr>
<td>Broen, Elizabeth K.</td>
<td>2006</td>
<td>Professor, History</td>
<td>B.S., M.S., Florida State University</td>
</tr>
<tr>
<td>Broen, James J.</td>
<td>2001</td>
<td>Professor, Biology/Chemistry</td>
<td>B.S., Florida State University; Ph.D., University of South Dakota</td>
</tr>
<tr>
<td>Brusentsova, Tatyana</td>
<td>2016</td>
<td>Instructor, Physics</td>
<td>M.S., Ph.D., Mendeleyev University of Chemical Technology of Russia; Further Graduate Study - University of Central Florida</td>
</tr>
<tr>
<td>Bush, Thomas A.</td>
<td>1998</td>
<td>Chair, Technical and Industrial Education;</td>
<td>A.S., South Florida State College</td>
</tr>
<tr>
<td>Byrd, John G.</td>
<td>2001</td>
<td>Professor, Electronics</td>
<td>A.A.S., College of the Albemarle; B.S., Elizabeth City State University</td>
</tr>
<tr>
<td>Calvin, Mary Kate</td>
<td>2019</td>
<td>Instructor, Chemistry</td>
<td>B.A., University of Oklahoma; B.S., Ph.D., Florida State University</td>
</tr>
<tr>
<td>Cappo, Kathleen M.</td>
<td>2003</td>
<td>Professor, Nursing</td>
<td>A.S., A.A., South Florida State College; B.S.N., M.S.N., University of South Florida</td>
</tr>
<tr>
<td>Cardin, Patricia</td>
<td>2019</td>
<td>Instructor, Nursing</td>
<td>A.A., Daytona State College; B.S., Florida State University</td>
</tr>
<tr>
<td>Carson, Kendall</td>
<td>2017</td>
<td>Program Specialist, Agriculture</td>
<td>A.A., Santa Fe College; B.S., University of Florida</td>
</tr>
</tbody>
</table>
Benjamin Carter Jr. (2020)
Coordinator, Student Support Services
M.Ed., Concordia University
B.B.A., Fort Lauderdale College

Castillo, Magdalisse (2018)
Coordinator, Student Success and Transition Coach
B.B.A., Universidad del Turabo
M.A. Ed., University of Phoenix

Castro, Fabiana (2014)
Case Manager, Farmworker Career Development Program Certificate, South Florida State College

Cavedo, Keith (2015)
Professor, English
B.A., University of Mary Washington
M.A., Virginia Commonwealth University
Ph.D., University of South Florida

Christensen, Erik N. (2004)
Dean, Applied Sciences and Technologies
B.S., U.S. Naval Academy
M.S., Naval Engineer, Massachusetts Institute of Technology

Head Coach, Women’s Volleyball
A.A., South Florida State College
B.S., Florida Southern College

Crawford, Teresa M. (2001)
Director, Hardee Campus
A.A., South Florida State College
B.A., M.A., M.Ed., University of South Florida
Ed.D., Florida Southern College

Crews, Sari (2018)
Business Development Specialist, CCE
A.A., South Florida State College
B.S., Florida State University

Cruz, Evelyn (2017)
Instructor, Nursing
B.S.N., Metropolitan University of Puerto Rico
M.S.N., University of Puerto Rico
M.D., University of Science Art and Technology

Cuencas, Edwin (1993)
Program Specialist, Youth Services

Davis, Daniel (2016)
Program Specialist, Panther Youth Partners
A.A., Indian River State College

Counselor
A.S., South Florida State College
B.A., Warner Southern College
M.A., Webster University
Ed.S., Argosy University

Ellerker, Charla D. (1999)
Counselor
Disabilities Specialist
B.S., Millikin University
M.S. Ed., Northern Illinois University

Everest, Marcy J. (2005)
Professor, Political Science;
Director of Service-Learning
B.S., M.S., Southern Oregon State University
Ph.D., University of Oregon

Falla, Carlos (2003)
Head Coach, Women’s Softball
B.S., Webber International University

Ferrante, Amy (2018)
Instructor, Radiography
A.A., South Florida State College
B.A.S., Polk State College

Flores, Robert E. (1998)
Director, Remodeling, Renovation, and Maintenance
A.A., Draughons Jr. College
B.B.A., Middle Tennessee State University
M.B.A., Palm Beach Atlantic College
D.P.A., Nova Southeastern University

Garren, Cynthia (2014)
Director, Cultural Programs
B.A., M.F.A., Pennsylvania State University

Gottus, Tina (2014)
Director, Corporate and Community Education
B.A., Warner University
M.B.A., Webber International University

Gray, Junior A. (2007)
Director, Radiography
B.S., Southern New Hampshire University
M.B.A., Wilmington College
School of Radiography, Jamaica

Green, Courtney (2008)
Director, Adult Education and Technical Dual Enrollment
B.A., M.A., University of South Florida

Groves, Jennifer (2019)
Instructor, Office Education
A.S., Community College of the Air Force
B.S., M.S., Kaplan University
Gutierrez, Deborah (2002)
Coordinator, Corporate and Community Education
A.A.S., South Florida State College
B.S., Hodges University

Student Services Advising and Retention Specialist
B.S., Rochester Institute of Technology

Hawker, James R. (2011)
Dean, Arts and Science
Professor, Biology
B.A., M.S., University of Texas
M.S., University of Houston
Ph.D., Texas A&M University

Hayes, Fred (2019)
Coordinator, Construction Trade Programs (CCE)

Director, Information Technology
A.S., Florida Keys Community College
Further Study - St. Leo College and St. Petersburg College

Hemler, Kimberly L. (2012)
Counselor
A.A., Pensacola Junior College
B.A., University of West Florida
M.S.C.E., University of West Alabama

Heston, Michele D. (1997)
Dean, Health Sciences
A.A., South Florida State College
B.S.N., University of South Florida
M.S.N., Clarkson College
Ph.D., Barry University

Director, Athletics;
Head Coach, Men’s Baseball
A.A., Santa Fe Community College
B.A., St. Thomas University

Hufnagel, Michael (2016)
Coordinator, Criminal Justice
B.L.E. Certification, South Florida State College
B.S., Webber International University

Hutzelman, Mary (2007)
Coordinator, Financial Services
A.A., South Florida State College
B.S., M.B.A., Webber International University

Ivy Jr., Curtis (2014)
Director, Criminal Justice Programs
A.A., Miami-Dade Junior College
B.S., M.S., Florida International University
M.B.A., University of Miami
Further Graduate Study - F.B.I. National Academy

Jackson, Catherine (2020)
HSI-STEM College Success Coach, Highlands
B.S., Florida State University

James, Antonio (2018)
Program Specialist, Panther Youth Partners
A.A., South Florida State College

James, Theresa Ann (1996)
Chair, Humanities
Professor, English
B.A., Spring Hill College
M.A., Ph.D., Tulane University

Jaques, Lorraine (2012)
Professor, Computer Science
A.A., South Florida State College
B.S., Webber International University
M.Ed., University of South Florida

Jefferies, Tara (2010)
Coordinator, Farmworker Career Development Program
A.A., South Florida State College
B.S., Hodges University

Jensen, Shaila (2017)
Student Support Services Advisor and Office Manager
B.A.S., South Florida State College

John, Cheryl (2010)
Professor, Mathematics
A.A., South Florida State College
B.A., University of South Florida
M.S., University of West Florida

Johnson, Timothy E. (2007)
Professor, Cosmetology
Certificate Cosmetology, South Florida State College
A.A.S., Haywood Community College
B.A., Dallas Baptist University
M.A., M.Ed., Liberty University

Jones, Sharmin (2019)
Instructor, Nursing
A.S., B.S.N., South Florida State College
M.S.N., Western Governors University

Jones, Sharon L. (2005)
Coordinator, Community Relations
B.A., University of Central Florida
M.A., The American University

Coordinator, Retired and Senior Volunteer Program
Certificate Practical Nursing, Washtenaw Community College
Professor, Automotive Service Technology
A.A., Lincoln Technical Institute
ASE, Certified Technician

Kesterson Jr., Donald L. (2017)
Director, Human Resources
A.A.S., Air University
B.P.A., Barry University

Kinser, Cynthia (2010)
Professor, Medical Secretarial
A.S., Miami Dade Junior College
B.S., Florida International University

Kuehnle, Melissa (2017)
Director, Institutional Communications
B.A., Pennsylvania State University
M.A., New York Institute of Technology

Coordinator, Institutional Communications
B.S., University of Wisconsin - Madison

Lee, Garrett (2018)
Coordinator, Engineering Program
B.S., Florida Institute of Technology
M.S., Pennsylvania State University

Lee, Melissa (2016)
Controller
A.A., Waycross College
B.A., M.A., Georgia Southern University
Further Graduate Study - Valdosta State University

Leidel, Michelle (2011)
Chair, Business and Computer Technologies
Professor, Accounting and Business
A.A., Central Florida Community College
B.A., St. Leo University
M.A.C.C., Stetson University

Leitzel, Thomas C. (2013)
President
A.A.S., Pennsylvania College of Technology
B.A., Lycoming College
M.S., Temple University
Ph.D., Virginia Tech
Further Graduate Study - Pennsylvania State University
University of Maryland

Leon, Maday (2016)
Lead Instructor, Elementary Education
B.S., Barry University
M.Ed., Ed.S., Ed.D., Florida Gulf Coast University

Lethbridge, Theresa (Tracy) (2017)
Coordinator, Clinical Experience and Nursing Lab
A.D.N., South Florida State College
B.S.N., Florida State University

Lewis, Diane (2000)
Financial Aid Advisor
B.A., Warner Southern College
M.A., Webster University

Little, Glenn W. (1986)
Vice President, Administrative Services
B.S., Ball State University
Further Study - Heriot-Watt University

Little, MaryAnn (2010)
Instructor, Psychology
B.S., University of Maine
M.A., Liberty University

Longenecker, Daniel S. (2006)
Professor, Auto Collision Repair and Refinishing

Director, Safety and Security
A.A., South Florida State College
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Macbeth, Verna Michelle (2013)
Professor, Foreign Languages
B.A., M.A., Florida Atlantic University

Manalo, Kamille (2018)
Coordinator, Panther Youth Partners
B.S., De La Salle University, PI

Professor, Mathematics
A.A., South Florida State College
B.A., M.A., University of South Florida

Manning, Milisa (2019)
Instructor, Sociology
B.A., M.A., University of South Florida
Further Graduate Study - Barry University

Martin, Adam C. (2012)
Professor, Business
Certificate, Polk Community College
A.A., South Florida State College
B.A., Warner Southern College
M.B.A., Webster University

Professor, Mathematics
B.S., M.S., Indiana State University
McCoy, Dara (2018)  
*Program Specialist, Panther Youth Partners - Hardee*  
B.A., University of South Florida

*Coordinator, Information Technology*  
A.A., South Florida State College  
B.S., Florida Gulf Coast University

*Professor, Dental Hygiene*  
*Chair, Dental Education*  
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Lake Placid Center

100 - Administration, Academics, Student Services, Library, and Classrooms
200 - GED and Classrooms
300 - Computer Science
400 - Gymnasium
500 - General Classrooms

500 E. Interlake Blvd.
Lake Placid, FL 33852
863-465-3003
www.southflorida.edu
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