



EXHIBIT "G"

OFFICE OF THE PRESIDENT

Item 7.1

PRESENT TO BOARD: JANUARY 26, 2022

TO: SOUTH FLORIDA STATE COLLEGE
DISTRICT BOARD OF TRUSTEES

FROM: THOMAS C. LEITZEL 

SUBJECT: CURRICULUM PROPOSAL

Approval is requested for the following curriculum proposal:

I. PROGRAM ADDITION

Request approval to offer a new program in surgical technology. Students will gain knowledge in surgical technology practices and applications; effective Fall 2022 (202310).

<u>SUGGESTED MOTION:</u>

Move to approve the curriculum proposal as presented.
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Surgical Services (Surgical Technologist) - AS

PROGRAM ADDITION

Request approval to offer a new health services program which prepares students as surgical technologist. These surgical services professionals are essential members of the surgical team who work closely with surgeons, anesthesiologist, registered nurses and other personnel to deliver patient care before, during, and after surgery; effective Fall 2022 (202310).

➤ Surgical Services #1775 AS

Length: 64 credit hours

- **STS1XXX Introduction to Surgical Technology (2 credit hours)**
- **STS1XXX Fundamentals of Surgical Technology (2 credit hours)**
- **STS1XXX Surgical Equipment and Instrumentation (3 credit hours)**
- **STS1XXX Perioperative Patient Care Concepts (2 credit hours)**
- **STS1XXX Surgical Procedures I (3 credit hours)**
- **STS1XXX Principles and Practices of Surgical Technology Laboratory (2 credit hours)**
- **STS2XXX Surgical Biomedical Fundamentals (2 credit hours)**
- **STS2XXX Surgical Clinical I (3 credit hours)**
- **STS1XXXL Operating Room Techniques Laboratory (3 credit hours)**
- **STS2XXX Surgical Procedures II (2 credit hours)**
- **STS2XXX Surgical Pharmacology (2 credit hours)**
- **STS2XXX Surgical Clinical II (3 credit hours)**
- **STS2XXX Professional Skills for the Surgical Technologist (2 credit hours)**
- **STS2XXX Surgical Clinical III (3 credit hours)**
- **STS1XXX Surgical Technology Special Topics Seminar (3 credit hours)***

➤ General Education (30 Hours)

*Optional

Surgical Services (Surgical Technologist) - AS

- **Surgical Services AS #1775** (proposed eff. 202220) – will prepare students as surgical technologists who are essential members of the surgical team. The actual proposal will be presented at the next curriculum meeting. (attached memo will explain).
- **New Courses**
 - **STS1XXX Introduction to Surgical Technology** (2 Credit Hours): This course is intended to teach the role of the surgical technologist and central sterile supply technician in the operating room, delivery room and related areas will be covered. The student will learn the basic knowledge of equipment, supplies and instrumentation including the physical environment of the surgical suite.
 - **STS1XXX Fundamentals of Surgical Technology** (2 Credit Hours): This course introduces the discipline of surgical technology and the role of the surgical technologist in preventing perioperative disease transmission and microbiology to include the characteristics and activities of microorganisms. It surveys the various microbial groups, especially the bacteria, viruses and fungi with emphasis on pathogenic forms. Various significant aspects of infectious disease that occur in humans are also covered. The course will also include an introduction to principles of perioperative care, asepsis/infection control.
 - **STS1XXX Surgical Equipment and Instrumentation** (3 Credit Hours): This course prepares the student for the scrub role during surgical procedures, identification of basic surgical instrumentation, passing of the instruments, proper care, reprocessing of instruments following a surgical procedure, and utilizing equipment in the operating room. Students will also learn about surgical wounds, proper tissue handling techniques, wound closure, wound healing, suture material, and stapling devices.
 - **STS1XXX Perioperative Patient Care Concepts** (2 Credit Hours): This course will introduce the student to the needs of the surgical patient, with a focus on the special needs patient care concept, which includes adult, pediatric, geriatric, and bariatric patients. Discussion will also include types of consents, transportation and transfer of the surgical patient, preoperative patient routines, positioning, safety issues, and death and dying will be included.
 - **STS1XXX Surgical Procedures I** (3 Credit Hours): This course is designed to prepare students for surgical procedures by providing instruction on diagnostic procedures and relevant equipment, supplies, and techniques. The course will also include the review of surgical anatomy, physiology, and pathophysiology in relation to general surgery, endoscopic surgery, gynecological and obstetrical surgery, genitourinary surgery, orthopedic surgery, and ophthalmic surgery.

- **STS1XXX Principles and Practices of Surgical Technology Laboratory (2 Credit Hours):** This course is an introduction to surgical instrumentation, to include identification, classifications, selection, passing, proper care, and handling equipment and supplies. The course will include proper care, disinfection, assembly, and sterilization processes for instrumentation following surgical procedures. The decontamination of the operating room will be covered. Hands-on-experience in the sterile processing department at local hospitals will be included in the course.
- **STS2XXX Surgical Biomedical Fundamentals (2 Credit Hours):** This course teaches the skills necessary to function as a surgical technologist in the operating room including principles of aseptic technique, and a basic understanding of robotics and their use in the operating room setting. In addition, an understanding of the principles of physics and electricity as it relates to the operating room environment will be covered.
- **STS2XXX Surgical Clinical I (3 Credit Hours):** This course is the first in a series of three clinical courses. The course will introduce the student to the surgical clinical environment, provide the ability to begin utilizing skills acquired during previous lab courses, and implement the principles of aseptic technique while participating in the role of a surgical technologist.
- **STS1XXXL Operating Room Techniques Laboratory (3 Credit Hours):** This course will provide the student information on operating room furniture, equipment, and supplies used during surgery. The preparation of the operating room, surgical scrub, gowning and gloving, development of the sterile field, patient positioning, surgical skin prep, and draping will be included and will be part of the lab practical exam. Students will be required to simulate a surgical procedure from start to finish. Students must complete this course with a grade of "c" or higher in order to start the clinical rotations.
- **STS2XXX Surgical Procedures II (2 Credit Hours):** This course is designed to prepare students for specialty surgical procedures including the review of surgical anatomy, physiology, pathophysiology, relevant equipment, supplies, and techniques regarding otorhinolaryngological surgery (ear, nose, and throat/ENT), oral and maxillofacial surgery, plastic and reconstructive surgery, cardiothoracic surgery, peripheral vascular surgery, neurosurgery, transplant and trauma surgery. The depth of coverage is determined by the current edition of the core curriculum for surgical technologists published by the association of surgical technologists.
- **STS2XXX Surgical Pharmacology (2 Credit Hours):** This course introduces general pharmacological concepts and principles in the management of patient care. Effective administration of therapeutic drugs, indications, and contraindications are discussed, including effects of medication on body systems, drug classifications and their principle action. Correct drug and dose identification are emphasized, including medications handled by the surgical technologist on the sterile field.

- **STS2XXX Surgical Clinical II (3 Credit Hours):** This course is the second in a series of three clinical courses. In this course students will concentrate their clinical experience on circulating and scrubbing in on all phases of specialty surgical cases, assisting in the use of special instruments, procedures, and surgical equipment. The student will also focus on obtaining the required surgical cases in the appropriate role as a surgical technologist.
- **STS2XXX Professional Skills for the Surgical Technologist (2 Credit Hours):** This course will cover professional management, communication skills and teamwork, ethical and moral issues in the healthcare setting, and legal issues and risk management.
- **STS2XXX Surgical Clinical III (3 Credit Hours):** This course is the third in a series of three clinical courses. In this course students will concentrate their clinical experience on scrubbing in on general and specialty surgical cases, assisting in the use of special instruments, procedures, and surgical equipment. The student will also focus on obtaining the required surgical cases in the appropriate role as a surgical technologist.
- **STS1XXX Surgical Technology Special Topics Seminar (3 Credit Hours):** This course provides a review of all materials covered throughout the five-semester program. Certification examination process are covered. Employability skills are also covered.