



## EXHIBIT "H"

OFFICE OF THE PRESIDENT

Item 7.1

PRESENT TO BOARD: AUGUST 14, 2024

TO: SOUTH FLORIDA STATE COLLEGE  
DISTRICT BOARD OF TRUSTEES

FROM: FRED HAWKINS 

SUBJECT: CURRICULUM PROPOSALS

Approval is requested for the following curriculum proposals:

### I. PROGRAM REVISIONS

Request approval to modify the Medical Assisting (HCI Track) program's course structure to strengthen the skill set and knowledge of the medical assisting students, combine several MEA courses to benefit students by giving them additional hours to understand anatomy and the disease process, replace and remove other MEA/OTA courses to allow the 3-year program students to benefit from a second medical terminology course to enhance their medical language and provide experience using the Electronic Health Records. Plus, add and increase lab hours to give students additional classroom lab time for online coursework. No program length change. Program revisions effective Fall 2024 (202510).

#### ➤ **Medical Assisting (HCI Track) CC #3500**

- Add **OTA 0930L Office Practices Lab II** (48 contact hours)
- Increase **OTA 0422L Office Practices Lab I** contact hours from 24 to 96
- Combine **MEA 0234 Pathophysiology and Disease** with **MEA 0231C Anatomy and Physiology**, Increase contact hours from 110 to 144, Change title to Pathophysiology with Anatomy and Physiology, Move from second fall term to first spring term
- Combine **MEA 0255C Medical Lab Procedures I** with **MEA 0521C Phlebotomist**, **MEA 0540C EKG Adie**, and **MEA 0952 Medical Assisting Seminar** and Increase contact hours from 124 to 204
- Change **MEA 0242 Introduction to Pharmacology** as a combine lecture/lab course (MEA 0242C) and prerequisite from MEA 0200C to MEA 0234, and Move from second spring term to second fall term

- Replace **MEA 0334L Occupational Medical Insurance and Billing Lab** with **MEA 0310C Occupational Medical Office Procedures with Simulation**
- Replace **OTA 0490 Occupational Personal Business Skills** with **MEA 0239 Occupational Medical Terminology II**
- Move **MEA 0310 Occupational Medical Office Procedures** and **OTA 0101 Occupational Introductory Keyboarding** from first spring term to first fall term
- Move **MEA 0230 Occupational Medical Terminology I** from first fall term to second fall term

Request approval to revise the Network Systems Technology program’s course structure to allow students to gain experience in developing software in virtualized environments per the needs of the SWERVE grant. No change in the length of the program. Program revision effective Fall 2024 (202510).

➤ **Network Systems Technology AS #1740**

- Replace **CET 2930C Selected Topics in Computer Networking** 3 credit hours with (New) **CET 2XXX Virtualization Capstone** 3 credit hours and Move to second summer term
- Move **CIS 2352C Ethical Hacking I** from the second summer to the first summer term

II. COURSE ADDITIONS

Request approval to offer two new honors courses in Bio-Art. These honors courses will be offered as elective interdisciplinary courses and have no prerequisites. The Bio-Art courses will integrate skills from Biology, Art, Engineering, and Entrepreneurship to create artwork using genetically engineered bacteria. New courses effective Fall 2024 (202510).

- **IDH 2XXX Interdisciplinary Honors BioArt I** (3 credit hours)
- **IDH 2XXX Interdisciplinary Honors BioArt II** (3 credit hours)

III. COURSE REVISIONS

Request approval to modify both the Mathematical Thinking and Mathematics in Context courses. Students enrolling in MGF 1130 and MGF 1131 can satisfy the prerequisite with either MAT 1100 Mathematical Literacy for College Students (existing prerequisite) or MAT 1033 Intermediate Algebra. Adding MAT 1033 as a prerequisite option provides more flexibility based on a student’s past and current educational pathway. Plus, requesting Mathematics in Context be designated as a General Education (GE) requirement course to align with DOE’s mathematical thinking in context pathway. Course revisions effective Fall 2024 (202510).

- **MGF 1130 Mathematical Thinking** add to prerequisite “or MAT 1033 Intermediate Algebra”
- **MGF 1131 Mathematics in Context** add to prerequisite “or MAT 1033 Intermediate Algebra” and designate as a GE requirement course

Request approval to modify the Institutional General Education courses. The Florida Department of Education has mandated the review of Institutional General Education courses to comply with the content, principles, and standards as stated in F.S. 1007.25. All Institutional General Education

courses under Communication, Humanities, Mathematics, Natural Sciences, Social Sciences, and Computer Technologies have been reviewed according to the above F.S. and only 16 courses needed updating to meet the state requirement. Plus, updating major learning outcomes, where needed. Course revisions effective Fall 2024 (202510). NOTE: Courses with an asterisk (\*) were updated to meet F.S. requirement.

➤ **Communications/Humanities**

- AML 2010 American Literature I (description modified) \*
- AML 2010 American Literature I - Honors (description modified) \*
- AML 2020 American Literature II (description modified) \*
- AML 2020 American Literature II - Honors (description modified) \*
- ARH 2050 Art History I (description modified) \*
- ARH 2051 Art History II (description modified) \*
- ENC 1102 Freshman English II
- ENC 1102 Freshman English II - Honors
- ENL 2012 British Literature I
- ENL 2012 British Literature I - Honors
- ENL 2022 British Literature II
- ENL 2022 British Literature II - Honors
- HUM 2210 Humanities Survey I (description modified) \*
- HUM 2210 Humanities Survey I - Honors (description modified) \*
- HUM 2230 Humanities Survey II (description modified) \*
- HUM 2230 Humanities Survey II - Honors (description modified) \*
- IDH 1921 Symposium I-VI - Honors
- IDH 2001 Seminar I-Honors
- IDH 2002 Seminar II-Honors
- IDH 2003 Seminar III-Honors
- IDH 2004 Seminar IV-Honors
- IDH 2005 Seminar V-Honors
- IDH 2006 Seminar VI-Honors
- LIT 2110 World Literature I
- LIT 2110 World Literature I - Honors
- LIT 2120 World Literature II
- LIT 2120 World Literature II - Honors
- PHI 2635 Biomedical Ethics (description modified) \*
- REL 2300 Comparative Religion (description modified) \*

➤ **Social and Behavioral Sciences**

- DEP 1004 Human Development (description modified) \*
- ECO 1000 Survey of Economic
- ECO 2023 Microeconomics
- INR 2002 International Relations (description and outcomes modified) \*
- SPC 2608 Fund. of Speech Communication
- SPC 2608 Fund. of Speech Communication- Honors
- SYG 2000 General Sociology

- SYG 2000 General Sociology - Honors
- WOH 2040 World History in 20th Century

➤ **Natural Sciences**

- AST 1002L Descriptive Astronomy Lab
- BOT 1010C Botany
- BSC 1009C Introduction to Biology
- BSC 1011C General Biology II
- BSC 1011C General Biology II - Honors
- BSC 1080 Overview of Anatomy and Physiology
- BSC 1086C Human Anatomy & Physiology II
- BSC 1086C Human Anatomy & Physiology II - Honors
- BSC 1420C Introduction to Biotechnology
- BSC 2932 Selected Topics in Biology
- CHM 1020L Introducing General Chemistry Lab
- CHM 2045L General Chemistry I Lab
- CHM 2045L General Chemistry I Lab - Honors
- CHM 2046 General Chemistry II
- CHM 2046 General Chemistry II - Honors
- CHM 2046L General Chemistry II Lab
- CHM 2046L General Chemistry II Lab - Honors
- CHM 2210 Organic Chemistry I
- CHM 2210 Organic Chemistry I - Honors
- CHM 2210L Organic Chemistry I Lab
- CHM 2210L Organic Chemistry I Lab - Honors
- CHM 2211 Organic Chemistry II
- CHM 2211 Organic Chemistry II - Honors
- CHM 2211L Organic Chemistry II Lab
- CHM 2211L Organic Chemistry II Lab - Honors
- MCB 2010C Microbiology (description modified) \*
- MCB 2010C Microbiology - Honors (description modified) \*
- PCB 2033 Introduction to Ecology - Environment
- PHY 2049C General Physics with Calculus II
- PHY 2049C General Physics with Calculus II - Honors
- PHY 2054C General Physics II
- PHY 2054C General Physics II - Honors
- PSC 1121 Physical Science

➤ **Mathematics**

- MAC 1114 Plane Trigonometry
- MAC 1140 Precalculus Algebra
- MAC 1147 Precalculus Algebra-Trigonometry
- MAC 2233 Calculus for Business and Social Sciences
- MAC 2312 Calculus II
- MAC 2313 Calculus III

- MAP 2302 Differential Equations
- MGF 1106 Liberal Arts Mathematics I
- MGF 1107 Liberal Arts Mathematics II
- MGF 1131 Mathematics in Context

➤ **Computer Technologies**

- CGS 1100C Intro to Microcomputer Using Windows

**SUGGESTED MOTION:**

**Move to approve the curriculum proposals as presented.**