



February 20, 2023

M E M O R A N D U M

TO: Jim Murdaugh, Ph.D.
President

FROM: Calandra Stringer, Ph.D.
Vice President and Provost

SUBJECT: Academic Curriculum Changes

Item Description

This item presents a new program, program revisions, and course revisions.

Overview and Background

The Academic Planning Committee members review and make recommendations for Board approval for new and revised curriculum. One change involves creating a new accelerated program for the Heating, Ventilation, Air Conditioning/Refrigeration (HVAC/R) program. The proposed program would reduce the total program length from 1,350 to 750 clock hours. More than 400 jobs are projected by 2030 across the college's three-county district, and students earn an hourly median wage of \$20.61.

The College is also proposing to revise the License Practicing Nursing (LPN) Bridge to Registered Nursing (RN) program. This program is designed for LPN students who are interested in acquiring an RN degree. This change increases the program length from two to three semesters. This change is proposed to help increase the National Council Licensure Exam (NCLEX) passage rate among the students completing the accelerated program.

Funding/ Financial Implications

None

Past Actions by the Board

The Board approved these agreements annually.

Recommended Action

Approve the proposed curriculum changes.

NEW PROGRAM

Heating, Ventilation, Air-Conditioning/Refrigeration (HVAC/R) 1 (750 clock hours)

This proposed option provides students the opportunity to complete the program in a year. The current program is a 1,350-clock hour training program which takes two years to complete and that program will remain as an option for students to complete.

Program Courses:

ACR0000	Introduction to HVAC/R (250 clock hours)
ACR0001	HVAC/R Fundamentals (250 clock hours)
ACR0012	HVAC/R Service Practices (250 clock hours)

PROGRAM CHANGES

Computer Programming and Web Development, A.S. (60 credit hours)

The proposed changes were recommended by the advisory board to remove the optional offerings and provide required courses that all students in the program must complete. The length of the program is not changing.

Add Program courses:

- CGS1000 Introduction to Computer Technology (3)
- CTS2351 Network Administration (3)
- CET2620 Internet of Things (3)
- GRA2140 Web Page Design (3)
- COP2805 Java Programming II (3)
- COP2373 Programming Concepts II (3)

Delete program courses:

- CNT2401 Network Security (3)
- CTS2401C Microsoft Specialty: Access (3)

Delete program electives:

- COP2805 Java Programming II (3)
- CGS1520 Introduction to Multimedia Design (3)
- GRA2140 Web Page Design (3)
- PGY2801C Photoshop (3)
- Any college-level courses (12)

Nursing, RN, A.S. (Bridge for Healthcare Professionals to Nursing) (72 credit hours)

The proposed changes provide additional time and assistance to LPN students as they accelerate through the RN program. The new courses also provide more opportunities for the students to practice their skills as they prepare to take the NCLEX exam.

Add Program courses:

- NUR2004C Transition to RN 1 (7)
- NUR2007C Transition to RN 2 (10)
- NUR2036C Transition to RN 3 (15)

Delete program courses:

- NUR1022C Essentials of Nursing Process 1 (7)
- NUR1231C Essentials of Nursing Process 2 (7)
- NUR2244C Essentials of Nursing Process 3 (7)
- NUR2823C Essentials of Nursing Process 4 (7)
- NUR1422C Essentials of Reproductive Health (2)
- NUR2310C Essentials of Pediatric Health (2)

NEW COURSES

Course ID	Course Name	Rationale for New Course	Proposed Lab Fee
COP2373	Programming Concepts II	Enhance the Computer Programming and Web Development, A.S.	\$25
NUR2004C	Transition to RN 1	Course is part of the Nursing, RN, A.S.	\$659
NUR2007C	Transition to RN 2	Course is part of the Nursing, RN, A.S.	\$396
NUR2036C	Transition to RN 3	Course is part of the Nursing, RN, A.S.	\$406