

October 21, 2024

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 new programs, new courses, course revisions, and updates for course lab fees.

Overview and Background

The Academic Planning Committee members review and make recommendations for Board approval for new and revised curricula.

The College proposes the Artificial Intelligence Practitioner program. This new program will prepare individuals with technical knowledge of artificial intelligence tools and their real-world applications. The proposed program is one of the fastest growing occupations for Leon, Gadsden, and Wakulla with a median hourly wage of \$45.87.

Additionally, the College is proposing a Landscape and Turf Management Career Certificate. This program is 900 clock hours and there are 363 job openings in Gadsden, Leon, and Wakulla counties. This program is for individuals currently working in the industry who desire to become credentialed, as well as those who wish to pursue a new career in the agriculture industry.

The College is also proposing to revise courses that were previously general education courses. The courses were changed to elective courses after completing the state-directed general education institutional review. The proposed revisions allow the institution to remove the college-ready pre-requisite and make the elective courses accessible to more students. TSC is also proposing lab fees for the new courses as well as updating lab fees for 4 courses due to the increase in the cost of items.

Funding/ Financial Implications

None

Past Actions by the Board

The Board approved curricula revisions annually.

Recommended Action

Approve the proposed academic curriculum changes.

NEW PROGRAMS

Artificial Intelligence Practitioner College Credit Certificate (18 credit hours)

This program is part of the Applied Artificial Intelligence AS degree program and includes the AWS Artificial Intelligence Practitioner Industry Certification. This is one of the fastest growing occupation that has 808 job openings in Gadsden, Leon, and Wakulla counties with a 9.4% projected growth according to Florida Commerce. The median hourly wage is \$45.87.

Program courses:

- CAI 1001C Artificial Intelligence (AI) Thinking (3 credit hours)
- CAI 2001C Machine Learning Foundations (3 credit hours)
- CAI 2300C Introduction to Natural Language Processing (4 credit hours)
- CAI 2840C Introduction to Computer Vision (4 credit hours)
- COP 1047C Introduction to Python Programming (4 credit hours)

Landscape and Turf Management Career Certificate (900 clock hours)

According to Florida Commerce, this program consists of 363 job openings in Gadsden, Leon, and Wakulla counties with a 5.6% projected growth. The median hourly wage is \$21.74.

Program courses:

- ORH 0862 Nursery Workers (300 clock hours)
- ORH 0802 Landscaping and Grounds Keeping (450 clock hours)
- ORH 0803 Landscaping and Grounds Keeping Supervisors (150 clock hours)

NEW COURSES

Course ID	Course Name	Rationale for New Course	Proposed Lab Fee
ORH 0862	Nursery Workers	Part of the new Landscape and Turf Management Career Certificate	\$100
ORH 0802	Landscaping and Grounds Keeping	Part of the new Landscape and Turf Management Career Certificate	\$200
ORH 0803	Landscaping and Grounds Keeping Supervisors	Part of the new Landscape and Turf Management Career Certificate	\$100

COURSE REVISIONS

Course ID	Course Name	Type of Change	Current	Proposed	Rationale for Change
HSC1100	Concepts of Positive Living	Prerequisite	Prerequisite: documented exemption, appropriate placement scores, or completion of developmental education reading and writing.	Prerequisite: none	This course is an elective and prerequisite is not necessary.
HSC2200	Principles of Contemporary Living	Prerequisite	Prerequisite: documented exemption, appropriate placement scores, or completion of developmental education reading and writing.	Prerequisite: none	This course is an elective and prerequisite is not necessary.
HSC2531	Medical Terminology	Prerequisite	Prerequisite: documented exemption, appropriate placement scores, or completion of developmental education reading.	Prerequisite: none	This course is an elective and prerequisite is not necessary.
HUN1201	The Science of Nutrition	Prerequisite	Prerequisite: documented exemption, appropriate placement scores, or completion of developmental education reading, writing and mathematics.	Prerequisite: none	This course is an elective and prerequisite is not necessary.

Course Lab Fee Updates:

Course ID	Course Name	Rationale for Fee Update	Proposed Lab Fee
CJK 0020	Vehicle Operations	Update to the cost of items	\$262
CJK 0031	First Aid for Criminal Justice Officers	Update to the cost of items	\$95
CJK 0040	Criminal Justice Firearms	Update to the cost of items	\$495
FFP 0030	Firefighter I	Update to the cost of items	\$656