May 21, 2018

MEMORANDUM

TO: District Board of Trustees

FROM: Jim Murdaugh, President

SUBJECT: Academic Programs and Course Changes

Item Description
This item presents proposed changes in curriculum for 2018-2019.

Overview and Background
The Academic Planning Committee Curriculum members review and make recommendations for Board approval for new program and courses. Due to changes by the State Board of Education as well as the revision of programs to meet workforce demands, there are several changes that are being proposed.

The college is proposing a change to the Early Childhood Development, Education and Management A.S. degree program. The change includes adding a course that will allow students to earn an additional industry certification. The Infant/Toddler Specialization will allow students to be more marketable and increase their earning potential. The college is also proposing a change to the Network Systems Technology A.S. degree program. Employers are requesting for students to have a general purpose programming language such as Python. Faculty are proposing to add a new course that will teach students Python in order to meet the workforce needs.

Past Actions by the Board
The Board approves the curriculum changes each year. The changes are for 2018-2019.

Funding/Financial Implications
Curriculum changes require no new funding.

Staff Resource
Feleccia Moore-Davis

Recommended Action
That the Board approves the recommendation for academic course and program changes for 2018-2019 as attached.

PROGRAM CHANGES

Early Childhood Development, Education and Management, A.S. (60 credit hours) – Based on information provided by the curriculum advisory group, which consists of employers of childcare centers as well as stakeholders from the Office of Early Learning and the Department of Children and Family Services, program revisions are necessary in order to align TCC's program with a new career pathway from the Office of Early Learning. Employers are asking TCC to add a course to the current program that will allow students to earn additional industry certifications for employment. This additional course will allow students to earn the Infant/Toddler Specialization, which will allow students to be more marketable and increase their earning potential. In order to accommodate adding the course to the program, we must eliminate a course in order to remain at the state required 60 credit hour program length.   The course is being eliminated from this program is no longer a state mandated requirement.

> Add this course: EEC2500 Infant and Toddler Development (3)

> Delete this course: EDF2085 Introduction to Diversity for Educators (3)

Network Systems Technology, A.S. (60 credit hours) – The curriculum advisory board, which consists of network systems employers, have asked TCC to broaden access to some of the popular beginning programming languages. Employers are looking for students to have a general-purpose programming language instead of languages built for specific fields. TCC is proposing to add Python, which is a general-purpose language. Python is used for many different things such as writing scripts and developing networking tools as well as building scripts for digital media. This language would serve students in several programs including programming, networking, cybersecurity, web development and digital media making them more marketable for employment. This course will be added to the elective area of the program to allow students to choose the track that is suitable to their employment interests.

> Add this course: COP1000 Programming Concepts (3)

NEW COURSES

Course ID	Course Name	Rationale for New Course
COP1000	Programming Concepts (3)	This new course will be added to the Network Systems A.S. degree to fulfill the request for a general programming language.
EDF2500	Infant and Toddler Development (3)	This new course will be added to the Early Childhood Development A.S. degree to fulfill the request for the Infant/Toddler Specialization industry certification.
MAT0027	Foundations of College Mathematics II for Liberal Arts (4)	This new course will provide a new pathway for students in developmental math who are not interested in going into a STEM discipline. This course will provide the non-algebraic foundational math skills necessary to be successful in the majors that are not related to Business and STEM.
SOP2780	Psychology of the African American Experience (3)	This is a new courses that will be added to the A.A. degree as an elective. This course will provide additional preparation for students majoring in Psychology as well as cultural awareness of the African American experience.

COURSE DELETIONS

Course ID	Course Name	Rationale for Course Deletion
MUN1180	Concert Band (1)	This course is recommended for deletion due to continuous low enrollment. A continuing education course is available for students interested in Concert Band.
MUN1310	College Chorale (1)	This course is recommended for deletion due to continuous low enrollment. A continuing education course is available for students interested in College Chorale.
MUN1710	Jazz Band (1)	This course is recommended for deletion due to continuous low enrollment. A continuing education course is available for students interested in Jazz Band.

COURSE CHANGES

Course ID	Course Name	Type of Change	Current	Proposed	Rationale for Change
BSC2010	Biology for Science Majors I	Change the pre-requisite	current pre-requisite is CHM1045 (General Chemistry)	None	The college conducted a pre-requisite review for the state core general education and a result of the review is to remove the Chemistry pre-requisite. The content and skills taught in Chemistry is not required in order to be successful in the Biology course. This change will also allow more students to take Biology earlier in their matriculation instead of waiting to fulfill several semesters of pre-requisites.
DEH1802L	Dental Hygiene II Clinic	Change the course description	Removing: "external clinical experience will be obtained from area correctional institutions, hospitals, public health facilities, Veteran's Administration and other sites"	Adding: "external clinical experience will be obtained from dental health facilities"	This change is to provide a generalized statement about the externship facilities that are a course requirement which will minimize the need to continuously change the course description.
GRA2105C	Graphic Based Design II	Change the pre-requisite	Current pre-requisite is: GRA2103C (Computer Based Design I) and GRA2121 (Publication Design)	Proposed pre-requisite is: GRA111C (Graphic Design), GRA1206C (Typography), PGY2801C (Photoshop)	This change will allow students to take this capstone course in either the fall or spring semester instead of waiting until they complete GRA2103C, which is also a capstone course. Waiting prolongs graduation and the content is not dependent on each class.
NUR1241	Nursing Process 2	Change the credit hours	Current credit hours are 9	Proposed credit hours are 8	After an annual review by Nursing faculty, this course was found to have too many credit hours that did not equate to the amount of content.

NUR1421C	Reproductive Health	Change the credit hours	Current credit hours are 3	Proposed credit hours are 4	After an annual review by Nursing faculty, this course was found to have more content due to additional topics being incorporated due to changes in Nursing standards. The additional content did not equate to the credit hours. Thus, an additional credit hour is being proposed.
PMT0022	Machinist Operator	Change the pre-requisite	No pre-requisite exists	Proposed: PMT0020 (Machinist Helper)	This change is based upon a required change by the State Board of Education curriculum committee for the curriculum frameworks for the program. Statewide faculty review program a course requirements for PSAV program. The committee determined that changes in pre-requisites were necessary.
PMT0024	Machinist Setup Operator	Change the pre-requisite	Current: PMT0021 (Machine Operator)	Proposed: PMT0020 (Machinist Helper) and PMT0022 (Machinist Operator); PMT0021 will be removed as a pre-requisite	This change is based upon a required change by the State Board of Education curriculum committee for the curriculum frameworks for the program. Statewide faculty review program a course requirements for PSAV program. The committee determined that changes in pre-requisites were necessary.