



May 19, 2014

## MEMORANDUM

**TO:** District Board of Trustees  
**FROM:** Jim Murdaugh, President   
**SUBJECT:** Academic Programs and Course Changes

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### Item Description

This item presents proposed changes in curriculum for 2014-2015.

A new Associate in Science Degree for Network Systems Technology is proposed. The new degree will replace the current Associate in Science Degree for Networking Services Technology and its associated certificates. The current degree has been discontinued by the Florida Department of Education. Transition plans for students in the degree and certificate programs are provided. Other courses, certificate, and degree deletions are presented to update curriculum and assure timely progression through degrees and certificates.

### Overview and Background

The Academic Planning Committee Curriculum members review and make recommendations for Board approval for new programs and courses. Recommendations align with state policy, SACS accreditation standards, and the College's mission. The Committee presents the Board with the attached recommendations. The Board has the responsibility for approval and discontinuance of courses and programs in accordance with Florida state law.

### Past Actions by the Board

The board approves curriculum changes periodically. These changes will be effective for the 2014-2015 academic year.

### Funding/Financial Implications

These curriculum changes require no new funding.

### Staff Resource

Barbara Sloan

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**Recommended Action**

That the Board approve the recommendation for academic courses and program changes for the 2014-2015 academic year as attached.

## **NEW PROGRAMS**

### A.S. Degree in Network Systems Technology

The current A.S. degree in Networking Services Technology has been daggered by Florida Department of Education and will sunset at the end of the 2013-14 academic year; the proposed new A.S. degree in Network Systems Technology is the replacement degree which is proposed to begin with the 2014-15 academic year. This program prepares students for careers in Information Technology. Eight year growth projections in the region show growth of between 6.4% and 13.6% for occupations such as Computer Network Support Specialist, Information Security Analyst and Computer Network Architect.

Program Outline Network Systems Technology A.S. (60 credit hours):

#### General Education Courses (15 credit hours)

- ENC1101 College Composition
- Any General Education Second Level Communications Course
- Any General Education Humanities Course
- Any General Education Mathematics Course
- Any General Education Social Science Course

#### Program Courses (45 credit hours)

- CGS1060 Computer and Internet Literacy
- CGS1000 Introduction to Computer Technology
- CGS1555 Internet
- CGS2560 Introduction to Operating Systems
- CTS1134 Networking and Telecommunication
- CTS1131 Micro Computer Architecture I
- CTS2132 Micro Computer Architecture II
- CET1600 Open System I
- CET1610 Open System II
- CET2615 Open System III
- CET2620 Open System IV
- CTS2351 Network Administration and Management
- CET2370 Network Virtualization
- CNT2401 Introduction to Network Security
- MAN2021 Introduction to Management OR IDS2941 TPP Internship

## **PROGRAM CHANGES**

A.S. Degree in Help Desk/Technical Support: Proposed changes are to delete four courses and lower elective hours to 5 from 8; courses will be replaced by new and already existing courses to better prepare students for A+ and CCENT certifications. The changes are based upon advisory committee discussions. Total credit hours for program completion have not changed.

Add these courses:   CTS1134 Networking and Telecommunication  
                              CTS2132 Micro Computer Architecture II  
                              CET1600 Open System I  
                              CET1610 Open System II

Delete this course:   CNT1000 Introduction to Networks and Telecommunications  
                              CNT1500 Computer Networking, Cabling and Troubleshooting  
                              CTE2351 Network Administration and Management  
                              ENC2210 Technical Communications

Certificate in Help Desk/Technical Support: Proposed changes are to delete three courses and replace them with two courses and three additional elective hours (elective hours change from 2 to 5). Changes will better prepare students for the A+ certification. The changes are based upon advisory committee discussions. Total credit hours for program completion have not changed.

Add these courses:   CTS1134 Networking and Telecommunication  
                              CTS2132 Micro Computer Architecture II  
                              Elective: Any college-credit course with CGS, COP, CET, CTS, or  
                              GRA prefix or IDS2941, or courses approved by TPP Dean

Delete this course:   CNT1000 Introduction to Networks and Telecommunications  
                              CNT1500 Computer Networking, Cabling and Troubleshooting  
                              CTE2351 Network Administration and Management

A.S. Degree in Web Technologies: Proposed change is to replace one discontinued course with an additional program elective. This change is based upon advisory committee discussions; total credit hours for program completion have not changed.

Add this course:       Additional Program Elective

Delete this course:    CNT1000 Introduction to Networks and Telecommunications

## **PROGRAM DELETIONS**

### A.S. Degree in Networking Services Technology

The curriculum framework for this degree has been daggered by Florida Department of Education and will sunset at the end of the 2013-14 academic year. The following associated degrees and certificates are also proposed to be deleted:

Networking Services Technology Certificate  
Information Technology Management Certificate  
Information Technology Technician Certificate

## **NEW COURSES**

Based on review of course offerings, curriculum content and assessment, and approval of the new A.S. degree in Network Systems Technology, the following new courses are recommended.

CTS2132	Micro Computer Architecture II
CTS1134	Networking and Telecommunication
CET2370	Network Virtualization
CET1600	Open System I
CET1610	Open System II
CET2615	Open System III
CET2620	Open System IV
ESC2930	Special Topics: Climate Change

## **COURSE DELETIONS**

Based on review of curriculum content and assessment, change and deletion of programs, as well as State Board of Education Rule 6A-10.0331 which mandates courses not taught for five years are deleted from the catalog, the following course deletions are recommended.

CTS2352	Advanced Network Administration
CNT1500	Computer Networking, Cabling, and Troubleshooting
CNT1000	Introduction to Networks and Telecommunications
CTS2106	Introduction to UNIX
CET2540	Open Systems Architecture I
CET2541	Open Systems Architecture II
ART1930	Special Topics
DAN2120	History of Dance
EUH2080	Survey of English History I
EUH2081	Survey of English History II
MTG2204	Geometry

MGF1118	Math for CLAST
ISC1930	Special Topics in Interdisciplinary Science
ACG2001	Principles of Accounting I
ACG2011	Principles of Accounting II
ECO2220	Money and Banking
FIN2010	Investments
MNA2300	Human Resource Management
REE1040	Real Estate Principles and Practices: Course I
RMI1001	Introduction to Risk and Insurance
CTS2016	Introduction to UNIX
CCJ2192	Introduction to Conflict Management
CJE2400	Police Community Relations
EGS2311	Vector Statistics
EGS2321	Vector Dynamics
ETC1500	Highway and Transportation
ETG2520	Statics
ETG2530	Strength of Materials
MNA2764	Leadership Development through the Classics
PLA2483	Florida Administrative Law
PUP2020	Lobbying and Legislative Law
PEL1442	Intermediate Racquetball

### **COURSE CHANGES**

CGS1560 - Introduction to Operating Systems; *Course number change* from CGS1560 to CGS2560; *Prerequisite change* from none to CTS1131. Revision to the content changed the level of the course.

MGF1106 - Mathematics I for Liberal Arts; *Prerequisite change*: remove MAT1033 as a prerequisite because the skills in MAT1033 are not needed in order to successfully complete the class.

MGF1107- Mathematics II for Liberal Arts; *Prerequisite change*: remove MAT1033 as a prerequisite because the skills in MAT1033 are not needed in order to successfully complete the class.

MAC1147 - Precalculus and Trigonometry; *Prerequisite change*: removal of Honors designation. Revision allows the class to be offered to a wider audience.

MAT0018 - Developmental Mathematics I; *Name change* to Foundations of College Mathematics I. Change is based on the redesigned developmental education curriculum.

MAT0028 - Developmental Mathematics II; *Name change to* Foundations of College Mathematics II. Change is based on the redesigned developmental education curriculum.

MAT0022 - Developmental Mathematics I and II Combined; *Name change to* Foundations of College Mathematics I and II, Combined Course. Change is based on the redesigned developmental education curriculum.

MAT0056 - Developmental Mathematics I, Modules Course; *Name change to* Foundations of College Mathematics I, Modules Course. Change is based on the redesigned developmental education curriculum.

MAT0057 - Developmental Mathematics II, Modules Course; *Name change to* Foundations of College Mathematics II, Modules Course. Change is based on the redesigned developmental education curriculum.