

Miami Dade College  
Office Associate Provost, Academic Affairs

July 15, 2011

**MEMORANDUM**

**TO:** Rolando Montoya

**FROM:** Michael Reiner

**SUBJECT: APPROVAL OF CURRICULUM REPORT #83**

Attached for your approval is the approved curriculum presented at the July 12, 2011, CASSC meeting.

The information in Curriculum Report #83 includes the following items:

1. **EAP Courses for ACE**

- Revised Course Description and Credit Type Change –  
EAP0493 Accelerated Intermediate Speech and Grammar  
EAP0494 Accelerated Intermediate Reading and Writing

2. **School of Engineering and Technology**

- SCET Program Modifications/Deletions –  
Advanced Manufacturing  
Computer Programming – Game Development  
Computer Programming – Business Applications  
Internet Services Technology – Microsoft  
Internet Services Technology – Open Source  
Networking Services Technology – Security
- Revised Course Description/Title/Pre-Requisites –  
CGS2423 “C” for Engineers  
COP1334 Introduction to Object Oriented Programming C++  
CGS2172 Implementing a Commerce-Enabled Web Site  
  
BS EET Lower Division Pre/Co-Requisites

3. **Informational Items**

- State Mandated Dev. Math Course Number Changes –  
MAT0018 Developmental Mathematics I  
MAT0022C Developmental Mathematics Combined  
MAT0028 Developmental Mathematics II
- 2011-2012 Recommended Testing Fees
- Five Year Delete

If I can be of further assistance, please do not hesitate to contact me.

Attachment

**Miami Dade College**  
**College-wide CASSC Meeting – JULY 12, 2011**  
**CURRICULUM REPORT #83**

**1. EAP Courses for ACE**

**Revised Course Description/  
Credit Type Change**

<u>Course No.</u>	<u>Course Title</u>	<u>Credits</u>	<u>Campus</u>	<u>Eff. Term</u>
EAP0493	Accelerated Intermediate Speech & Grammar	6	1,2,3,5,6,7,8	2011-1

**Course Description:** In this accelerated alternative course for EAP 0300, 0360, 0400, and 0460, students will learn intermediate-level grammar and vocabulary, and will enhance their oral communication proficiencies via brief lectures, oral presentations, and classroom discussions, improving spoken fluency, accuracy, and interpersonal skills in English.

**Curriculum Action Rationale:** Requesting a course title change, and course total credit hour reduction from 8 to 6 hours. Updating course description, and competencies based on the following: --Research on expectations of GenEd faculty showed the need for EAP students to have technology skills when entering mainstream courses. --Reading levels associated with CGS course (Average GE= 7.5). --Academic Tasks in CGS more receptive than productive. --Good scaffolding opportunity for LIS2004 in ACE-Advanced. --Surveys of former ACE students showed their readiness and willingness to take CGS 1060. --Screening tools have been developed with CGS faculty. --No fees are being requested at this time. Pre-requisites: EAP0200, and EAP0260, or Co-requisites: EAP0494, (96 hr. lecture)

<u>Course No.</u>	<u>Course Title</u>	<u>Credits</u>	<u>Campus</u>	<u>Eff. Term</u>
EAP0494	Accelerated Intermediate Reading & Writing	6	1,2,3,5,6,7,8	2011-1

**Course Description:** In this accelerated alternative course for EAP courses 0320, 0340, 0420, and 0440, students will learn English while reading intermediate-level academic texts, expand their vocabulary, and enhance their writing proficiency with structured academic tasks.

**Curriculum Action Rationale:** Requesting a course title change, and credit hour reduction from 8 to 6 hours. Updating course description and competencies based on the following: -Due to research on expectations of Gen Ed. faculty of students to be computer literate. -Reading levels associated with CGS course (Average GE= 7.5). -Academic Tasks in CGS more receptive than productive. -Scaffolding for LIS2004 in ACE. -Advanced Surveys of former ACE students showed students willing and able to take CGS 1060 simultaneously with 3-4. -Screening tools developed with CGS faculty demonstrated that EAP level 2 students with high GPA are ready for CGS 1060. -No fees are being requested at this time. Pre-requisites: EAP0220, and EAP0240, or Co-requisites: EAP0493, (96 hr. lecture)

**APPROVE\_\_\_\_\_OPPOSE\_\_\_\_\_MORE INFORMATION\_\_\_\_\_**

## 2. School of Engineering and Technology

### Program Modifications/Deletions

**Curriculum Action Rationale:** The state program length for this program is 64 credits, therefore, we are adding EET2101C Electronics 2 (4 credits) to align the program with the state program length requirements. EET2101C is an existing course being added to the Major Course Requirements

**Description:** The AS in Advanced Manufacturing will provide students with the opportunity to acquire the knowledge and skill sets necessary for careers in manufacturing with an emphasis in industrial device and pharmaceutical manufacturing. The program prepares students for employment as a Manufacturing Engineering Technician or Production Technician in manufacturing settings.

**Program Title:** Advanced Manufacturing  
**Department:** Engineering Tech General  
**Effective Term:** 2011-2 SPRING TERM  
**Degree Type:** Associate in Science  
**Affected Campuses:** 1,2,3,5,6,7,8

**ASSOCIATE IN SCIENCE DEGREE**  
**PROGRAM OF STUDY: ADVANCED MANUFACTURING (22030)**  
**EFFECTIVE TERM: Summer-Fall 2011 (2010-32011-1)**

### I. GENERAL EDUCATION REQUIREMENTS

#### 1. COMMUNICATIONS (3.00 credits)

[ENC 1101](#) - English Composition 1 (3 credits)

#### 2. ORAL COMMUNICATIONS (3.00 credits)

[SPC 1017](#) - Fundamentals of Speech Communication (3 credits)

#### 3. HUMANITIES (3.00 credits)

[PHI 2604](#) - Critical Thinking/Ethics (3 credits)

#### 4. BEHAVIORAL/SOCIAL SCIENCE (3.00 credits)

[CLP 1006](#) - Psychology of Personal Effectiveness (3 credits)

#### 5. MATH/SCIENCE (3.00 credits)

[MAC 1105](#) - College Algebra (3 credits)

#### 6. COMPUTER COMPETENCY

Test type(s) needed:

[CGS 1060](#) - Introduction to Microcomputer Usage (4 credits)

#### 7. MAJOR COURSE REQUIREMENTS (44.45.00 credits)

[EET 1015C](#) - Direct Current Circuits (4 credits)

[EET 1025C](#) - Alternating Current Circuits (4 credits)

[EET 1141C](#) - Electronics 1 (4 credits)

[EET2101C Electronics 2 \(4 credits\)](#)

[ETI 1040](#) - Introduction to Bioscience Manufacturing (3 credits)

[ETI 1040L](#) - Bioscience Manufacturing Lab (2 credits)

[ETI 1181](#) - Introduction to Quality Assurance (3 credits)

[ETI 1622](#) - Concepts of Lean and Six Sigma (3 credits)

#### 8. CAPSTONE COURSE (4.00 credits)

[BSC 2943L](#) - Bioscience Internship (3 credits)

[ETI 1644](#) - Advanced Manufacturing Supply Chain (3 credits)

[ETI 1701](#) - Industrial Safety (3 credits)

[ETI 2404](#) - Advanced Manufacturing Technology (3 credits)

[EST 2542C](#) - Programmable Logic Controllers 1 (3 credits)

[ETM 1315C](#) - Applied Pneumatics and Hydraulics (3 credits)

[MTB 1322](#) - Technical Mathematics 2 (3 credits)

[EGN 1949](#) - Co-Op Work Exp 1 (1-4 credits)

\* End of Program Sheet \*

APPROVE \_\_\_\_\_ OPPOSE \_\_\_\_\_ MORE INFORMATION \_\_\_\_\_

**Curriculum Action Rationale:** Modify program description to delete reference to Game Development option.

**Description:** The Computer Programming and Analysis program provides an opportunity to establish a basic foundation in computer programming in scientific, commercial, industrial and government information technology applications. Graduates are prepared for positions as entry-level application programmers, programmer specialists, computer programmers and programmer analysts.

**Program Title:** Computer Programming and Analysis Business Application Program  
**Department:** Computer Science  
**Effective Term:** 2011-2 SPRING TERM  
**Degree Type:** Associate in Science  
**Affected Campuses:** 1,2,3,5,6,7,8

**ASSOCIATE IN SCIENCE DEGREE**

**PROGRAM OF STUDY: COMPUTER PROGRAMMING AND ANALYSIS-BUS APPLICATION PROG. (25065)**  
**EFFECTIVE TERM: Summer 2011 (2010-3)**

**I. GENERAL EDUCATION REQUIREMENTS**

**1. COMMUNICATIONS** (3.00 credits)

[ENC 1101](#) - English Composition 1 (3 credits)

**2. ORAL COMMUNICATIONS** (3.00 credits)

[SPC 1017](#) - Fundamentals of Speech Communication (3 credits)

**3. HUMANITIES** (3.00 credits)

[PHI 2604](#) - Critical Thinking/Ethics (3 credits)

**4. BEHAVIORAL/SOCIAL SCIENCE** (3.00 credits)

[CLP 1006](#) - Psychology of Personal Effectiveness (3 credits)

**5. MATH/SCIENCE** (3.00 credits)

[MAC 1105](#) - College Algebra (3 credits)

**6. COMPUTER COMPETENCY**

Test type(s) needed:

[CGS 1060](#) - Introduction to Microcomputer Usage (4 credits)

**7. MAJOR COURSE REQUIREMENTS** (32.00 credits)

[ACG 2021](#) - Financial Accounting (3 credits)

[ACG 2021L](#) - Financial Accounting Lab (1 credit)

[CGS 1060](#) - Introduction to Microcomputer Usage (4 credits)

[CGS 1541](#) - Database Applications (4 credits)

[CIS 1321](#) - Introduction to Systems Analysis and Design (4 credits)

[CIS 2322](#) - Systems Analysis Design and Implementation (4 credits)

[COP 1332](#) - Introduction to Visual Basic Programming (4 credits)

[COP 1334](#) - Introduction to Object Oriented Programming C++ (4 credits)

[COP 2800](#) - Java Programming (4 credits)

**8. PROGRAM ELECTIVE** (16.00 credits) Must take 8.0 credits from the following group.

[COP 2333](#) - Advanced Programming Concepts using Visual Basic (4 credits)

[COP 2805](#) - Advanced Java Programming (4 credits)

[COP 2335](#) - Advanced Object Oriented Programming using C++ (4 credits)

[COP 2842](#) - Developing Websites using PHP/MYSQL (4 credits)

--- And ---

Must take 8.0 credits from the following group.

[CGS 2091](#) - Professional Ethics and Social Issues in CS (4 credits)

[COP 2823](#) - ASP/Script Language Programming (4 credits)

[CGS 2547](#) - Microsoft SQL Implementation (4 credits)

[CTS 2463](#) - C# Web Application Development (4 credits)

[COP 2700](#) - Database Application Programming (4 credits)

\* End of Program Sheet \*

**APPROVE** \_\_\_\_\_ **OPPOSE** \_\_\_\_\_ **MORE INFORMATION** \_\_\_\_\_

**Program Title:** Computer Programming and Analysis-Game Development  
**Department:** Computer Science  
**Effective Term:** 2011-1 FALL TERM  
**Degree Type:** Associate in Science  
**Affected Campuses:** 1,2,3,5,6,7,8

**Description:** The Computer Programming and Analysis program provides an opportunity to establish a basic foundation in computer programming in scientific, commercial, industrial and government information technology applications. Graduates are prepared for positions as entry-level application programmers, programmer specialists, computer programmers and programmer analysts.

**25064 Computer Programming and Analysis – Game Development  
 Program Option Deletion**

**1. Executive Summary**

**a. Why is the track being deleted?**

This was originally introduced as an option for the Computer Programming and Analysis degree in January 2004 (20032). The projected student and workforce demand that was expected at the time that the option was created never materialized; consequently, enrollments were low and courses have not been offered in many years.

**b. How many students are currently enrolled under this track (if any)?**

Variable	2003	2004	2005	2006	2007	2008	2009	Fall 2010
Declared Majors	3	38	66	64	87	90	67	46
Graduated	0	0	0	0	0	0	0	0
25%+Benchmark	2	7	11	7	8	8	2	0
50%+Benchmark	0	1	4	1	0	0	0	0
75%+Benchmark	0	0	0	0	0	0	0	0
100%+Benchmark	0	0	0	0	0	0	0	0

**c. How will you be advising/accommodating these students (ie. Shift to another program)?**

Students will be advised to transfer to the Business Applications Programming track, Program Code 25065. None of the DIG\* or CAP\* courses that belong to the program option have been offered for more than five years, therefore, current students will not be impacted by transferring to the business applications option.

d. Are the courses under the track still valid (ie. can they be used as electives for the parent program)?

No. The courses have not been offered within the past 5 years.

**Courses being deleted**

<b>Course</b>	<b>Last Term Offered</b>
DIG1705	20043
DIG1710	20061
DIG1712	20062
DIG2625	20042
DIG2626	Not offered
DIG2714	20052
DIG2771	Not offered
CAP2047	Not offered
CAP2048	Not offered

**APPROVE**\_\_\_\_\_ **OPPOSE**\_\_\_\_\_ **MORE INFORMATION**\_\_\_\_\_

**Program Title:** Internet Services Technology-Microsoft  
**Department:** Computer Science  
**Effective Term:** 2011-1 FALL TERM  
**Degree Type:** Associate in Science  
**Affected Campuses:** 1,2,3,5,6,7,8

**Description:** The Internet Services Technology program provides an opportunity to establish a basic foundation in the field of Web site design and programming for employment in commercial, industrial and government institutions. Graduates are prepared for positions as Web technicians, Web administrators, Web site developers and Web masters.

Internet Services Technology Microsoft option 25063

Proposed Changes

1. Deleting COP1334 Introduction to Object Oriented Programming C++ from the Major course requirements. C++ is not the appropriate programming language for this option.
2. Reducing the major course requirements to 20 credits.
3. Adding COP1332 Introduction to Visual Basic Programming to the Program Core as the appropriate language for this option.
4. Increasing the Program Core to 28 credits
5. Adding CTS2463 C# Web Application Development as an option, i.e., COP2823 OR CTS2463
6. COP1334 is being deleted from the Major Course Requirements; the course underwent a title change, and was presented in the past ALC meeting.
7. COP1332 and CTS2463 are being added to the Program Core Required, and are existing courses.

**ASSOCIATE IN SCIENCE DEGREE**  
**PROGRAM OF STUDY: INTERNET SERVICES TECHNOLOGY-MICROSOFT (25063)**  
**EFFECTIVE TERM: Spring 2011 (2010-2) Fall 2011 (2011-1)**

**I. GENERAL EDUCATION REQUIREMENTS**

**1. COMMUNICATIONS** (3.00 credits)

- [ENC 1101](#) - English Composition 1 (3 credits)
- 

**2. ORAL COMMUNICATIONS** (3.00 credits)

- [SPC 1017](#) - Fundamentals of Speech Communication (3 credits)
- 

**3. HUMANITIES** (3.00 credits)

- [PHI 2604](#) - Critical Thinking/Ethics (3 credits)
- 

**4. BEHAVIORAL/SOCIAL SCIENCE** (3.00 credits)

- [CLP 1006](#) - Psychology of Personal Effectiveness (3 credits)
- 

**5. MATH/SCIENCE** (3.00 credits)

- [MAC 1105](#) - College Algebra (3 credits)
- 

**6. COMPUTER COMPETENCY**

Test type(s) needed:

- [CGS 1060](#) - Introduction to Microcomputer Usage (4 credits)
- 

**7. MAJOR COURSE REQUIREMENTS** (2420.00 credits)

- [CGS 1060](#) - Introduction to Microcomputer Usage (4 credits)

- [COP 2825](#) - Implementing an Internet Server (4 credits)

- [COP 1334](#) - Introduction to Object Oriented Programming C++ (4 credits)

- [CTS 1134](#) - Networking Technologies (4 credits)

- [COP 2822](#) - Web Page Design and Programming (4 credits)

- [CTS1800](#) - Introduction to Web Page Development (4 credits)
- 

**8. PROGRAM CORE REQUIRED** (2428.00 credits)

Students must select 20 credits from the following

- [COP1332 Introduction to Visual Basic Programming](#) (4 credits)

- CTS2306 Implementing a Networking Infrastructure

- [COP 2823](#) - ASP/Script Language Programming (4 credits) OR  
[CTS2463 C# Web Application Development](#)

- [CGS1546](#) - Microsoft SQL Administration

- [CGS 2547](#) - Microsoft SQL Implementation (4 credits)

- [CGS 2172](#) - Implementing a Commerce-Enabled Web Site (4 credits)
- 

-----AND-----

Students must choose 4 credits from the following:

- CAP\*

- CEN\*

- CGS\*

- CIS\*

- COP\*

- CTS\*
- 

\*Sample course electives recommended during advisement:

COP1332, COP2333/CTS2463 (VB & C# concentration)

COP2800, COP2805 (Java concentration)

CGS1871 (Design concentration)



**ASSOCIATE IN SCIENCE DEGREE**  
**PROGRAM OF STUDY: INTERNET SERVICES TECHNOLOGY-MICROSOFT (25063)**  
**EFFECTIVE TERM: Spring 2011 (2010-2)**

**I. GENERAL EDUCATION REQUIREMENTS**

**1. COMMUNICATIONS** (3.00 credits)

- [ENC 1101](#) - English Composition 1 (3 credits)
- 

**2. ORAL COMMUNICATIONS** (3.00 credits)

- [SPC 1017](#) - Fundamentals of Speech Communication (3 credits)
- 

**3. HUMANITIES** (3.00 credits)

- [PHI 2604](#) - Critical Thinking/Ethics (3 credits)
- 

**4. BEHAVIORAL/SOCIAL SCIENCE** (3.00 credits)

- [CLP 1006](#) - Psychology of Personal Effectiveness (3 credits)
- 

**5. MATH/SCIENCE** (3.00 credits)

- [MAC 1105](#) - College Algebra (3 credits)
- 

**6. COMPUTER COMPETENCY**

Test type(s) needed:

- [CGS 1060](#) - Introduction to Microcomputer Usage (4 credits)
- 

**7. MAJOR COURSE REQUIREMENTS** (24.00 credits)

- |   |   |
|---|---|
| <input type="checkbox"/> <a href="#">CGS 1060</a> - Introduction to Microcomputer Usage (4 credits)             | <input type="checkbox"/> <a href="#">COP 2825</a> - Implementing an Internet Server (4 credits)     |
| <input type="checkbox"/> <a href="#">COP 1334</a> - Introduction to Object Oriented Programming C++ (4 credits) | <input type="checkbox"/> <a href="#">CTS 1134</a> - Networking Technologies (4 credits)             |
| <input type="checkbox"/> <a href="#">COP 2822</a> - Web Page Design and Programming (4 credits)                 | <input type="checkbox"/> <a href="#">CTS1800</a> - Introduction to Web Page Development (4 credits) |
- 

**8. PROGRAM CORE REQUIRED** (24.00 credits)

*Students must select 20 credits from the following*

- |   |  |
|---|--|
| <input type="checkbox"/> CTS2306 Implementing a Networking Infrastructure                       | <input type="checkbox"/> <a href="#">CGS1546</a> - Microsoft SQL Administration                          |
| <input type="checkbox"/> <a href="#">COP 2823</a> - ASP/Script Language Programming (4 credits) | <input type="checkbox"/> <a href="#">CGS 2547</a> - Microsoft SQL Implementation (4 credits)             |
|   | <input type="checkbox"/> <a href="#">CGS 2172</a> - Implementing a Commerce-Enabled Web Site (4 credits) |
- 

**AND**

Students must choose 4 credits from the following:

- |                               |                               |
|-------------------------------|-------------------------------|
| <input type="checkbox"/> CAP* | <input type="checkbox"/> CIS* |
| <input type="checkbox"/> CEN* | <input type="checkbox"/> COP* |
| <input type="checkbox"/> CGS* | <input type="checkbox"/> CTS* |

**APPROVE** \_\_\_\_\_ **OPPOSE** \_\_\_\_\_ **MORE INFORMATION** \_\_\_\_\_

**Program Title:** Internet Services Technology-Open Source

**Department:** Computer Science

**Effective Term:** 2011-1 FALL TERM

**Degree Type:** Associate in Science

**Affected Campuses:** 1,2,3,5,6,7,8

**Description:** The Internet Services Technology program provides an opportunity to establish a basic foundation in the field of Web site design and programming for employment in commercial, industrial and government institutions. Graduates are prepared for positions as Web technicians, Web administrators, Web site developers and Web masters.

Internet Services Technology Open Source option 25069

Proposed Changes

1. Moving COP1334 Introduction to Object Oriented Programming C++ from the Major course requirements to the Program Core.
2. COP1334, underwent a title change, and was presented in the past ALC meeting.
3. Reducing the major course requirements to 20 credits.
4. Increasing the Program Core to 20 credits.

**ASSOCIATE IN SCIENCE DEGREE**  
**PROGRAM OF STUDY: INTERNET SERVICES TECHNOLOGY-OPEN SOURCE (25069)**  
**EFFECTIVE TERM: Fall 2011 ( 2011-1)**

**I. GENERAL EDUCATION REQUIREMENTS**

**1. COMMUNICATIONS** (3.00 credits)

- [ENC 1101](#) - English Composition 1 (3 credits)
- 

**2. ORAL COMMUNICATIONS** (3.00 credits)

- [SPC 1017](#) - Fundamentals of Speech Communication (3 credits)
- 

**3. HUMANITIES** (3.00 credits)

- [PHI 2604](#) - Critical Thinking/Ethics (3 credits)
- 

**4. BEHAVIORAL/SOCIAL SCIENCE** (3.00 credits)

- [CLP 1006](#) - Psychology of Personal Effectiveness (3 credits)
- 

**5. MATH/SCIENCE** (3.00 credits)

- [MAC 1105](#) - College Algebra (3 credits)
- 

**6. COMPUTER COMPETENCY**

Test type(s) needed:

- [CGS 1060](#) - Introduction to Microcomputer Usage (4 credits)
- 

**7. MAJOR COURSE REQUIREMENTS** (20.00 credits)

- [CGS 1060](#) - Introduction to Microcomputer Usage (4 credits)  
 CTS1800 Introduction to Web Page Development (4 credits)

- [COP 2822](#) - Web Page Design and Programming (4 credits)

- [COP 2825](#) - Implementing an Internet Server (4 credits)  
 [CTS 1134](#) - Networking Technologies (4 credits)
- 

**8. PROGRAM CORE REQUIRED** (20.00 credits)

- [COP 1334](#) - Introduction to C++ Programming (4 credits)  
 [COP 2842](#) - Developing Websites using PHP/MYSQL (4 credits)  
 [COP 2843](#) - Implementing Open-Source Databases (4 credits)

- [CTS 1111](#) - Linux + (4 credits)  
 [CTS 2823](#) - Developing Internet Applications Using Apache (4 credits)
- 

**9. MAJOR COURSE ELECTIVE** (8.00 credits)

- CAP\*  
 CEN\*  
 CGS\*

- CIS\*  
 COP\*  
 CTS\*

**APPROVE**\_\_\_\_\_ **OPPOSE**\_\_\_\_\_ **MORE INFORMATION**\_\_\_\_\_

**Program Title:** Internet Services Technology-Open Source  
**Department:** Computer Science  
**Effective Term:** 2010-3 SUMMER TERM  
**Degree Type:** Associate in Science  
**Affected Campuses:** 1,2,3,5,6,7,8

**25066 Networking Services Technology - Security  
Program Option Deletion**

**1. Executive Summary**

**a. Why is the track being deleted?**

The certification that this option was designed to address has changed. The new security certification requires a minimum of five years of work experience (which the resulting two year associates' program option cannot satisfy) before applicants are eligible to sit for the qualifying exam.

**b. How many students are currently enrolled under this track (if any)?**

There were 19 declared majors in Fall 2010 of which one (1) had completed the general education requirements, one (1) had reached the 50% benchmark, and none (0) were potential term graduates.

**a. How will you be advising/accommodating these students (ie. Shift to another program)?**

Students will be advised to transfer to 25062 Networking Services Technology. All their course work will be transferrable without penalty. CGS2310, 2125, 2314, and CGS2091 courses will fall within the Major Course Elective section.

**b. Are the courses under the track still valid (ie. can they be used as electives for the parent program)?**

Yes.

Variable	2003	2004	2005	2006	2007	2008	2009	2010
Declared Majors	0	12	21	19	21	19	26	19
College Prep Not Required	0	6	10	13	7	5	12	6
College Prep Completed	0	0	1	1	1	1	0	1
General Ed. Completed	0	1	4	6	3	4	1	1
25%+Benchmark	0	5	11	12	9	5	8	5
50%+Benchmark	0	2	5	8	3	4	2	1
75%+Benchmark	0	0	2	4	0	0	0	0
100%+Benchmark	0	0	0	1	0	0	0	0
Potential Term Graduate	0	0	0	1	0	0	0	0
Key Upper Level Courses	0	4	0	9	0	0	1	0
Key Courses with Declared Major	0	0	0	4	0	0	0	0
Graduated	0	0	0	3	0	0	0	0
Placed	17	38	21	N/A	N/A	N/A	N/A	N/A

**APPROVE** \_\_\_\_\_ **OPPOSE** \_\_\_\_\_ **MORE INFORMATION** \_\_\_\_\_

**Revised Course Description/  
Title/Pre-requisites**

**Curriculum Action Rationale:** Updating course description to SLO format and competencies.

<u>Course No.</u>	<u>Course Title</u>	<u>Credits</u>	<u>Campus</u>	<u>Eff. Term</u>
CGS2423	C for Engineers	4	1,2,3,5,6,7,8	2011-2

**Course Description:** This course is intended for students majoring in Computer Engineering Technology, Electronics Engineering Technology, or any engineering discipline. Students will learn the “C” programming language, MATLAB, and the Engineering Problem Solving Method to analyze, design, code, compile and execute programs that solve engineering related problems. Laboratory fee. (48 hr. lecture 32 hr. lab )

**Curriculum Action Rationale:** SCET is requesting the following: 1) Revised course description, 2) Modifying course competencies to meet requirements of engineering majors, 3) Hard-coding prerequisite in Linux. Please note that no fee modification is being requested. Existing fee of \$55.00 remains the same. Pre/Co-requisites: MAC1105, Recommended Preparation: CGS1060 or knowledge of computer skills Fee may apply.

<u>Course No.</u>	<u>Course Title</u>	<u>Credits</u>	<u>Campus</u>	<u>Eff. Term</u>
COP1334	Introduction to C++ Programming (Old) Introduction to C++ (New)	4	1,2,3,5,6,7,8	2011-2

**Course Description:** This is an introductory course in C++ programming recommended for Computer Science and Computer Information Systems majors. Students will learn the syntax and rules of the C++ language, including how to code, compile, and execute programs. Students study program design, structured modular programming arrays, report generation, and file processing. Laboratory fee.(48 hr. lecture 32 hr. lab )

**Curriculum Action Rationale:** SCET is requesting the following: 1) Modifying course title, 2) Modifying course description to SLO, 3) Modifying course competencies. Please note that no fee modification is being requested. Existing fee of \$55.00 remains the same. Pre/Co-requisites: CGS1060, Fee may apply.

<u>Course No.</u>	<u>Course Title</u>	<u>Credits</u>	<u>Campus</u>	<u>Eff. Term</u>
CGS2172	Implementing a Commerce Enabled Web Site	4	1,2,3,5,6,7,8	2011-3

**Course Description:** Students will learn to implement, support, maintain, optimize, and troubleshoot Web sites using Microsoft Site Server, focusing particularly on electronic commerce (e-commerce) sites. A.S. degree credit only. Laboratory fee. (48 hr. lecture 32 hr. lab )

**Curriculum Action Rationale:** Changing course prerequisite and recommended preparation and updating course description to SLO format. Pre-requisites: COP2823, or CTS2463, Recommended Preparation: CGS2547 is recommended. Fee may apply.

<u>Course No.</u>	<u>Course Title</u>	<u>Credits</u>	<u>Campus</u>	<u>Eff. Term</u>
CET1112C	Digital Circuits	4	1,2,3,5,6,7,8	2011-2

**Course Description:** This is an introductory course in digital circuits for students majoring in engineering technology fields. Students will learn how to apply electronic principles to digital computer circuits and systems, simplify logical circuits using Boolean algebra, build digital circuits, and perform other laboratory activities. Laboratory fee. (32 hr. lecture 64 hr. lab)

**Curriculum Action Rationale:** SCET is requesting: 1) Add EET1015C as a prerequisite; 2) Add CGS2423 as a pre/co-requisite. Please note that no fee modification is being requested. Existing fee of \$55.00 remains the same. Pre-requisites: MAC1105, and EET1015C, Pre/Co-requisites: CGS2423, Fee may apply.

<u>Course No.</u>	<u>Course Title</u>	<u>Credits</u>	<u>Campus</u>	<u>Eff. Term</u>
CET2113C	Advanced Digital Circuits	4	1,2,3,5,6,7,8	2011-2

**Course Description:** This is an introductory course in digital circuits for students majoring in engineering technology fields. Students will learn how to apply electronic principles to digital computer circuits and systems, simplify logical circuits using Boolean algebra, build digital circuits, and perform other laboratory activities. Laboratory fee. (32 hr. lecture 64 hr. lab)

**Curriculum Action Rationale:** SCET is requesting the following: 1) Change prerequisites the current from CET1112C, MAC1147 to CET2113C and MAC1114 or MAC1147 or MTB1322. 2) Update course description to SLO. Please note that no fee modification is being requested. Existing fee of \$55.00 remains the same.

<u>Course No.</u>	<u>Course Title</u>	<u>Credits</u>	<u>Campus</u>	<u>Eff. Term</u>
CET2123C	Microprocessors	4	1,2,3,5,6,7,8	2011-2

**Course Description:** Students will learn to apply digital principles to the understanding of microprocessor parameters and characteristics (addressing range and models, instruction set, architecture, input/output, interrupts, and programming). Laboratory fee. (32 hr. lecture 64 hr. lab )

**Curriculum Action Rationale:** SCET is requesting the following: 1) Change prerequisites the current from CET1112C, MAC1147 to CET2113C and MAC1114 or MAC1147 or MTB1322. 2) Update course description to SLO. Please note that no fee modification is being requested. Existing fee of \$55.00 remains the same. Pre-requisites: CET2113C, and MAC1114, or MAC1147, Fee may apply.

**APPROVE**\_\_\_\_\_ **OPPOSE**\_\_\_\_\_ **MORE INFORMATION**\_\_\_\_\_

## BS EET Lower Division Pre/Co-Requisites

### Course Modifications

<u>Course No.</u>	<u>Course Title</u>	<u>Credits</u>	<u>Campus</u>	<u>Eff. Term</u>
EET1025C	Alternating Current Circuits	4	1,2,3,5,6,7,8	2011-2

**Course Description:** This is a foundation course in alternating current required for all students in electronics engineering technology and related disciplines. Students will learn vector notation, circuits, impedance, phase shift, networks, transformers, and resonance. Students will apply and verify theories and principles through hands-on, laboratory experiments utilizing modern testing equipment. Laboratory fee. (32 hr. lecture 64 hr. lab )

**Curriculum Action Rationale:** SCET is requesting the following: 1) Add pre/co-requisites: MAC1114 or MAC1147 or MTB1322 (Part of programs #26039,26051,26052,26054,26055,26056,26057,and 26059). Please note that no fee modification is being requested. Existing fee of \$55.00 remains the same. Pre-requisites: EET1015C, and Pre/Co-requisites: MAC1114 or , MAC1147 or , MTB1322 , Fee may apply.

<u>Course No.</u>	<u>Course Title</u>	<u>Credits</u>	<u>Campus</u>	<u>Eff. Term</u>
EET1141C	Electronics I	4	1,2,3,5,6,7,8	2011-2

**Course Description:** This is the first of two courses covering solid state electronics for students requiring a foundation in electronics. Students will learn how to apply electronic principles to analog circuits, systems, and semiconductor diodes, applying the fundamental theory of transistors and other solid-state devices; analysis of amplifiers, oscillators, and other applications using a sinusoidal wave. Laboratory fee. (32 hr. lecture 64 hr. lab)

**Curriculum Action Rationale:** SCET is requesting the following: 1) Change MAC1114 or MAC1147 or MTB1322 from prerequisites to pre/co-requisites (part of program # 26039, 26054, 26055, and 26056). Please note that no fee modification is being requested. Existing fee of \$55.00 remains the same. Pre-requisites: EET1025C, and Pre/Co-requisites: MAC1114 or, MAC1147 or, MTB1322, Fee may apply.

<u>Course No.</u>	<u>Course Title</u>	<u>Credits</u>	<u>Campus</u>	<u>Eff. Term</u>
EET2323C	Electronics Communication I - Analog	4	1,2,3,5,6,7,8	2011-2

**Course Description:** This course is designed for students majoring in Electronics Engineering Technology, Telecommunications Engineering Technology, and related disciplines. Students will learn the principles of radio wave transmission and reception, including AM and FM transmitters, receivers, single sideband, television and digital data transmission lines, wave propagation antennas and microwaves. Laboratory fee. (32 hr. lecture 64 hr. lab)

**Curriculum Action Rationale:** SCET is requesting the following: 1) Add prerequisite: EET1141C, 2) Add pre/co-requisite: EET 2101C, 3) Remove MAC1105 as prerequisite. (Part of program #26039, and S9100) Please note that no fee modification is being requested. Existing fee of \$55.00 remains the same. Pre-requisites: EET1141C, Fee may apply.

<u>Course No.</u>	<u>Course Title</u>	<u>Credits</u>	<u>Campus</u>	<u>Eff. Term</u>
EET2351C	Electronics Communication II- Digital	4	1,2,3,5,6,7,8	2011-2

**Course Description:** This course provides a theoretical and practical background in the basic concepts and applications of digital and data communications. Students will learn analog-to-digital (A/D) and digital-to-analog (D/A) conversions; data communications codes and standards; wired and wireless digital communications; modulation, transmission impairment, the telephone system, modems, multiplexers, and electrical interface standards. Laboratory fee. (32 hr. lecture 64 hr. lab)

**Curriculum Action Rationale:** SCET is requesting the following: 1) Change EET2323C from a pre/co-requisite to a prerequisite; 2) Add CET2113C as a pre/co-requisite; 3) Remove CET1112C and EET1025C as prerequisites. (part of program # 26039, S9100, 26051, 26052, and 66034) Please note that no fee modification is being requested. Existing fee of \$55.00 remains the same. Pre-requisites: CET1112C, and CGS2423, Fee may apply.

**APPROVE** \_\_\_\_\_ **OPPOSE** \_\_\_\_\_ **MORE INFORMATION** \_\_\_\_\_



## Course Deletions

<u>Course No.</u>	<u>Course Title</u>	<u>Credits</u>	<u>Campus</u>	<u>Eff. Term</u>
CAP2047	User Interface Design	4	1,2,3,5,6,7,8	2011-1

**Curriculum Action Rationale:** Course has never been offered since it was created in 20033. Course is part of a program deletion for: Computer Programming and Analysis-Game Development.

<u>Course No.</u>	<u>Course Title</u>	<u>Credits</u>	<u>Campus</u>	<u>Eff. Term</u>
CAP2048	Game Development Project	4	1,2,3,5,6,7,8	2011-1

**Curriculum Action Rationale:** Course has never been offered since it was created in 20033. Course is part of a program deletion for: Computer Programming and Analysis-Game Development.

<u>Course No.</u>	<u>Course Title</u>	<u>Credits</u>	<u>Campus</u>	<u>Eff. Term</u>
DIG1705	3D Programming I	4	1,2,3,5,6,7,8	2011-1

**Curriculum Action Rationale:** Course has not been offered since 20043. Course is part of a program deletion for: Computer Programming and Analysis-Game Development.

<u>Course No.</u>	<u>Course Title</u>	<u>Credits</u>	<u>Campus</u>	<u>Eff. Term</u>
DIG1710	Introduction to Game Development	4	1,2,3,5,6,7,8	2011-1

**Curriculum Action Rationale:** Course has not been offered since 20061. Course is part of a program deletion for: Computer Programming and Analysis-Game Development.

<u>Course No.</u>	<u>Course Title</u>	<u>Credits</u>	<u>Campus</u>	<u>Eff. Term</u>
DIG1712	Level Building and Design	4	1,2,3,5,6,7,8	2011-1

**Curriculum Action Rationale:** Course has not been offered since 20062. Course is part of a program deletion for: Computer Programming and Analysis-Game Development.

<u>Course No.</u>	<u>Course Title</u>	<u>Credits</u>	<u>Campus</u>	<u>Eff. Term</u>
DIG2625	Network Programming for Game Development	4	1,2,3,5,6,7,8	2011-1

**Curriculum Action Rationale:** Course has not been offered since 20042. Course is part of a program deletion for: Computer Programming and Analysis-Game Development.

<u>Course No.</u>	<u>Course Title</u>	<u>Credits</u>	<u>Campus</u>	<u>Eff. Term</u>
DIG2626	Artificial Intelligence	4	1,2,3,5,6,7,8	2011-1

**Curriculum Action Rationale:** This course has never been offered since it was created in 20052. Course is part of a program deletion for: Computer Programming and Analysis-Game Development.

<u>Course No.</u>	<u>Course Title</u>	<u>Credits</u>	<u>Campus</u>	<u>Eff. Term</u>
DIG2714	Systems Analysis for Game Development	4	1,2,3,5,6,7,8	2011-1

**Curriculum Action Rationale:** Course has not been offered since 20052. Course is part of a program deletion for: Computer Programming and Analysis-Game Development.

<u>Course No.</u>	<u>Course Title</u>	<u>Credits</u>	<u>Campus</u>	<u>Eff. Term</u>
DIG2771	3D Programming 2 – Virtual Reality	4	1,2,3,5,6,7,8	2011-1

**Curriculum Action Rationale:** This course has never offered since it was created in 20052. Course is part of a program deletion for: Computer Programming and Analysis-Game Development.

APPROVE\_\_\_\_\_OPPOSE\_\_\_\_\_MORE INFORMATION\_\_\_\_\_

## Informational Items

### New State Mandated Courses

<u>Course No.</u>	<u>Course Title</u>	<u>Credits</u>	<u>Campus</u>	<u>Eff. Term</u>
MAT0018	Developmental Mathematics I	4	1,2,3,5,6,7,8	2011-2

**Course Description:** The student will learn operations with whole numbers, integers, fractions, decimals, percents and their applications; simplifying and evaluating algebraic expressions; ratios and proportions; solving linear equations in one variable and graphing solutions to linear inequalities. This course does not satisfy the college level mathematics requirements. Placement test scores or referral determine admission. Special Fee. (32 hr. lecture 64 hr. lab)

**Curriculum Action Rationale:** This is a state mandated course change including the college prep math course competencies and numbering system. The MAT 0018 will replace the now current MAT 0002. Course Description being updated to SLO. MAT 0018 course fee will be the same as the MAT 0002; \$10.00. No fee change is being requested. Fee may apply.

<u>Course No.</u>	<u>Course Title</u>	<u>Credits</u>	<u>Campus</u>	<u>Eff. Term</u>
MAT0022C	Developmental Mathematics Combined	5	1,2,3,5,6,7,8	2011-2

**Course Description:** This course combines Developmental Mathematics I and II. The student will learn operations on signed numbers, solving linear equations and inequalities in one variable, operations on polynomials, factoring, integer exponents, radicals, graphing, and applications. This course does not satisfy the college level mathematics requirements. Placement test scores or referral determine admission. (32 hr. lecture 96 hr. lab )

**Curriculum Action Rationale:** This is a state mandated course change including the college prep math course competencies and numbering system. MAT 0022C will replace MAT 0020. Note: MAT0022C is a combination of Developmental Mathematics I & II). Course Description being updated to SLO. MAT 0022C course fee will be the same as the MAT0020; \$10.00. No fee change is being requested.

<u>Course No.</u>	<u>Course Title</u>	<u>Credits</u>	<u>Campus</u>	<u>Eff. Term</u>
MAT0028	Developmental Mathematics II	4	1,2,3,5,6,7,8	2011-2

**Course Description:** The student will learn topics which include operations with signed numbers; solving linear equations and inequalities in one variable; operations with polynomials, factoring, integer exponents, radicals, rational expressions, graphing and applications of these topics. This course does not satisfy the college level mathematics requirements. Special Fee. (32 hr. lecture 64 hr. lab)

**Curriculum Action Rationale:** This is a state mandated course change including the college prep math course competencies and numbering system. MAT 0028 will replace the now current MAT 0024. Course description being updated to SLO. MAT 0028 course fee will be the same as the MAT 0024; \$10.00. No fee change is being requested.) Pre-requisites: MAT0018 or Fee may apply.

## Testing

### 2011-2012 Recommended Testing Fees

For more information please visit: [http://www.mdc.edu/testing\\_information/fees/default.asp](http://www.mdc.edu/testing_information/fees/default.asp)

**Five Year Delete****Courses Attached to Program (s)**STATE MANDATED FIVE YEAR DELETE  
June 01, 2011

Prefix/Number	Course Title	Last Term Offered	School/Discipline	Attached to Program Code	Comments
ORH1510	LANDSCAPE PLANT ID 1	19841	Agriculture	21005, 21006	The Agriculture courses were reinstated for Fall 2011-1. Courses must be scheduled or will be deleted.
ORH1511	LANDSCAPE PLANT ID 2	20002	Agriculture	21005, 21006	
ORH2230	EXT PLANT USE/MAINT	20011	Agriculture	21005	
ORH2277	FOLIAGE PLANT PROD	19864	Agriculture	21005, 21006	
MTB0311	TECHNICAL MATH	20032	Mathematics	56002	
MTB1321	TECH MATHEMATICS 1	20061	Mathematics	26026, 26051, 26052, 26053	Elective in 26051, 26052, and 26053
FSS1100	FOOD SERVICE PURCHASNG	19822	Miami Culinary Institute	22031	
HFT2250	ROOMS DIVISION MGT	19793	Miami Culinary Institute	65048	
MAR1145	INTRO TO FOOD/BEV EX	20052	Miami Culinary Institute	25049	
MAR1120	BUSINESS LOGISTICS	20021	Miami Culinary Institute	25048, A5086	Elective in 25048, A5086
MAR2147	PROD HND/DOC FD BEV	19983	Miami Culinary Institute	25049	
MAR2214	EXPORT DIST FOOD PRO	19991	Miami Culinary Institute	25049	
CET2179	A+ CERT EXAM REVIEW	20052	SCET	26052	Elective in 26052
CGS1540	DATA CONCEPT DESIGN	19871	SCET	25057, 27058, 25060	SCET courses modified for 2010-3
COP2180	PERL PROGRAMMING	19852	SCET	22028, C6029	Elective in 22028
CTS0045	ADV PROGRAM IN BASIC	20042	SCET	55023	
CTS0048	PROGRAMMING IN BASIC	20053	SCET	55023	
CTS0066	DATABASE PROGRAMMING	20052	SCET	55023	
CTS2125	HARDENING THE INFRST	20053	SCET	25066	Program 25066 being deleted
CTS2314	NETWORK DEFENSE	20061	SCET	25066	
CTS2445	PRG PL/SQL IN ORACLE	20032	SCET	25052, 25060, 66049	SCET courses modified for 2010-3 and need to be scheduled or will be deleted.
CTS2446	INT ORACLE DATAB APPL	20032	SCET	25052, 25060, 66049	
CTS2447	INTERME ORACLE DATA APP	20032	SCET	66049	
CTS2448	ORACLE REPORT BUILDG	20032	SCET	66049	
DIG1705	3D PROGRAMMING 1	20043	SCET	25064	Program 25064 in CurricUNET for deletion.
DIG1710	INTRO TO GAME DEVELP	20061	SCET	25064	

**STATE MANDATED FIVE YEAR DELETE**  
**June 01, 2011**

Prefix/Number	Course Title	Last Term Offered	School/Discipline	Attached to Program Code	Comments
DIG2625	NETWRK PRG GAME DEV	20042	SCET	25064	Program 25064 in CurricUNET for deletion.
DIG2714	SYS ANAL GAME DEVELP	20052	SCET	25064	
EEV0002	ELECTRO CIRCUIT ANALY	20051	SCET	56002	
EEV0520C	MICROPROCESR SYSTEMES	20031	SCET	56002	
EEV0812	A.C. ANALYSIS	20061	SCET	56002	
EEV0814	ANALOG CIRCUITS	20061	SCET	56002	
EEV0815	DIG FUNDAMENTALS	20023	SCET	56002	
EEV0856	TV CIRCUIT ANALYSIS	20012	SCET	56002	
EGS1111C	ENGIN GRAPHICS	20032	SCET	26035, 26037	Elective in 26035
EST2224C	FIBER OPTIC COMM	20022	SCET	26051	
EST2436C	BIOMED INSTRUMENT 1	20042	SCET	26053	
EST2438C	BIOMEN INSTRUMENT 2	20042	SCET	26053	
ETD1801	TECH ILLUSTRATION	20012	SCET	26037	
ETD2220	TECHNICAL DRAWING 2	19992	SCET	26037	
ETD2350	COMPUTER GRAPHICS	20032	SCET	26037	
ETD2401	TOOL & MACH DES DRAFT	20061	SCET	26037	
ETM1313C	HYDRAUL & PNEUMATICS	19952	SCET	26035	Elective in 26035
ETM1710C	AIRCOND LOAD ANLY	20052	SCET	26026	
ETM1720C	AIRCOND EQUIPMENT	20061	SCET	26026	
ETM2760C	HEAT & REFRIGERATION	20052	SCET	26026	
SUR2400C	LAND SURVEYING 1	20051	SCET	26035	
SUR2404C	LAND SURVEYING 2	20052	SCET	26035	
ATF2501L	FLIGHT-INSTRUCTOR LAB	20061	School of Aviation	C6027,	
ACG2500	FIN MGT NON-PRFT ORG	20022	School of Business	25054, A50589	
AER9995	ASE CERTIFICATION	20004	School of Business	26045	Program 26045 removed from program listing in 2009-1
BRC1602	TECH APP IN MTG FIN	20043	School of Business	22024, 22025, 22026, 62004	Elective in 22024 and 22026
GEB2893	STR POLICY ISS NON-P	20002	School of Business	25054, A50589	
MNA0170	HUMAN RELAT SKILLS	20061	School of Business	55014	Elective in 55014
MNA0347	EFFECT SUPER SKILLS	20061	School of Business	55014	Elective in 55014

**STATE MANDATED FIVE YEAR DELETE**  
**June 01, 2011**

Prefix/Number	Course Title	Last Term Offered	School/Discipline	Attached to Program Code	Comments
MNA0762	SUCCESS/GOAL ACHIEVE	20061	School of Business	55014	Elective in 55014
MNA1053	CONDO & ASSOC LAW	20001	School of Business	25050	
OTA0301	ORAL BUSINESS COMM	20004	School of Business	52001	
REE0032	PRINC & PRACTICES 2	20002	School of Business	52011	
EVR1010	ENVIRNMNT COMPLIANCE	19941	School of Fire/Environment	27021, 27022, 27023, 27024, 27025	
EVR1015	HAZ MATRL & ENVINMT	20002	School of Fire/Environment	27021	
EVR1030	SOIL/GROUNDWTR MONI	20001	School of Fire/Environment	27024	
EVR1190	ENVIRONMTL SAMPL PROC	20002	School of Fire/Environment	27021, 27022, 27023, 27024, 27025	
EVR1262	INTRO ECOL/INDS POLL	19992	School of Fire/Environment	27021, 27022, 27023, 27024	
EVR1633	HAZ MATRL EMERG RS 1	20002	School of Fire/Environment	27023, 27025	
EVR1640	HAZ MATRL REGULATN 1	20023	School of Fire/Environment	27023	
EVR1802	INDUSTRL PROCESS	20011	School of Fire/Environment	27023	
EVR1930	ENVIRONMENTAL SEMINR	20043	School of Fire/Environment	27021, 27022, 27023, 27024, 27025	
EVR2613	HAZ MAT EMERG RESP 2	19982	School of Fire/Environment	27025	
EVR2625	INFECTUS/NUCLR MATRL	19972	School of Fire/Environment	27022, 27023	
EVR2630	HAZ MATR RISK ANALS	19991	School of Fire/Environment	27022, 27025	
EVR2805	HAZ MAT HEALTH EFFECTS	19984	School of Fire/Environment	27022	
EVR2840	HAZ MAT EMERG RSP 3	19973	School of Fire/Environment	27025	
HIM0036	MED REC TRNS CLN PRC	20053	School of Health Science	53006	
HIM0061	MEDICAL REC TRANS 1	20061	School of Health Science	53006	
HIM0061L	MED REC TRANS APPL 1	20061	School of Health Science	53006	
HIM0062	MED REC TRANSCRIPT 2	20053	School of Health Science	53006	
HIM0062L	MED RE TRANS APPL 2	20053	School of Health Science	53006	
HIM0063L	MED REC TRANS APPL 3	20052	School of Health Science	53006	
MSS0996	MASS THER-TRANSITION	20052	School of Health Science	53023	

**STATE MANDATED FIVE YEAR DELETE**  
**June 01, 2011**

Prefix/Number	Course Title	Last Term Offered	School/Discipline	Attached to Program Code	Comments
CCJ1949	CO-OP WRK EXP:1 CRJ	20061	School of Justice	27019, 27020	Elective in 27019 and 227020
CCJ2940	ADM/JUST FLD SER PGM	20052	School of Justice	27012, 27019, 27020	Elective in 27012, 27019 and 227020
CCJ2949	CO-OP WRK EXP 2: CRJ	20052	School of Justice	27019, 27020	Elective in 27019 and 227020
CJE2304	POLICE SUPERVISION	19981	School of Justice	27019, 27020	Elective in 27019 and 227020
CJE2452	CRIM JUSTICE COMM	20052	School of Justice	27019, 27020	Elective in 27019 and 227020
CJE2552	LAW ENF TRAFFIC	20052	School of Justice	27020	Elective in 227020
CJE2590	LAW ENF PATROL	20052	School of Justice	27020	Elective in 227020
CGS2833	INTERNET/EXTRNET CREA	20031	SEDТ	26050	
FIL2370	FILM WORKSHOP	20061	SEDТ	26044, P9220	Elective in 26044 and P9220
GRA0441	GRAPH REPRO PROCESS	20051	SEDТ	56004	
GRA0445	COLOR REPRO TECH 1	20003	SEDТ	56004	
GRA0462	GRAPHIC DESIGN 3	20052	SEDТ	56004	
GRA0464	ADVANCED ELEC IMAGNG	20053	SEDТ	56004	
GRA0482	GRAPH ARTS ESTIMТ 1	19992	SEDТ	56004	
GRA1210C	OFFSET STRIP BLK/WHITE	19974	SEDТ	26049	
GRA1330	INTRO TO GRAPH COMMU	20051	SEDТ	26031, 26032, 26034, 26049	Elective in 26034
GRA1403	GRAPHIC ART ESTIM 1	20032	SEDТ	26031, 26049	
GRA2304C	COLOR REPRO TECH 1	20022	SEDТ	26031, 26032, 26049	
GRA2756	ALT MEDIA CREATION	19952	SEDТ	26050	
TPA1202	INTRO TO ENTRMNT TECH	20031	SEDТ	26025	Used in 24 Hr. Elective Block
TPA1253	ENTRNMNT TECH: TECH 1	19972	SEDТ	26025	Used in 24 Hr. Elective Block
TPA1255	CNCRT & STAGE LIGHTING	19972	SEDТ	26025	Used in 24 Hr. Elective Block
TPA1260	CNCRT & STAGE SOUND	20021	SEDТ	26025	Used in 24 Hr. Elective Block
TPA1274	PROP PRAC NON-ELECTR	19981	SEDТ	26025	Used in 24 Hr. Elective Block
TPA2276	ENTRNMNT TECH: CRAFT 1	20031	SEDТ	26025	Used in 24 Hr. Elective Block

**DELETE**

**SAVE**

**UNCLAIMED**

**Courses Not Attached Program (s)**

**STATE MANDATED FIVE YEAR DELETE  
June 01, 2011**

Prefix/Number	Course Title	Last Term Offered	School/Discipline	Attached to Program Code	Comments
ENC2200	ADV. EXPOSITION/BUS	19992	English Lang./Literature	A.A. Elective	Part of the 24 Hr. Elective Block  The Foreign Language courses were requested by the ALC to be presented as a package for modification.
FRE1113	PHONETICS/VOCABUL 1	20051	Foreign Language	A.A. Elective	
GER2220	INTERMED GERMAN 1	19993	Foreign Language	A.A. Elective	
GER2221	INTERMED GERMAN 2	20001	Foreign Language	A.A. Elective	
HAI2340	HAITIAN CRL/NAT SPK1	20061	Foreign Language	A.A. Elective	
ITA1000	ELEM ITALIAN CONVERS	20053	Foreign Language	A.A. Elective	
JPN1120	ELEM JAPANESE 1	20061	Foreign Language	A.A. Elective	
JPN1121	ELEM JAPANESE 2	20052	Foreign Language	A.A. Elective	
JPN2220	INTERMED JAPANESE 1	19932	Foreign Language	A.A. Elective	
JPN2221	INTERMED JAPANESE 2	20061	Foreign Language	A.A. Elective	
SPN1170	SPAIN TRAVEL STUDY	20053	Foreign Language	A.A. Elective	
MUE1450	WOOWIND TECHNIQUES	20022	Music	A.A. Elective	
MUE1460	BRASS TECHNIQUES	20042	Music	A.A. Elective	Used in 24 Hr. Elective Block
MUE1470	PRECUSSION TECH	20051	Music	A.A. Elective	Used in 24 Hr. Elective Block
MUM1622L	SOUND REINF/FUND LAB	20052	Music	A.A. Elective	Used in 24 Hr. Elective Block
MUM1662	SOUND REINFORCE FUND	20052	Music	A.A. Elective	Used in 24 Hr. Elective Block
MUM2945	MUS BUS 5 - INTERNSHP	19992	Music	A.A. Elective	Used in 24 Hr. Elective Block
MUM2949	CO-OP WORK EXP 2: MUM	20052	Music	A.A. Elective	Used in 24 Hr. Elective Block
MUT1271	MUSIC THEO/EAR TR 1	20061	Music	A.A. Elective	Used in 24 Hr. Elective Block
MVB1215	TUBA - SEC 1 YR	20042	Music	A.A. Elective	Used in 24 Hr. Elective Block
MVB2324	BARITON HORN - PRN 2 YR	20061	Music	A.A. Elective	Used in 24 Hr. Elective Block
MVJ1217	JAZZ TRUMPET SEC - 1 YR	20003	Music	A.A. Elective	Used in 24 Hr. Elective Block
MVJ1218	JAZZ TROMBONE SEC - 1 YR	20053	Music	A.A. Elective	Used in 24 Hr. Elective Block
MVJ1315	JAZZ FLUTE PRIN - 1 YR	20021	Music	A.A. Elective	Used in 24 Hr. Elective Block
MVJ2221	JAZZ VOICE SEC - 2 YR	20022	Music	A.A. Elective	Used in 24 Hr. Elective Block
MVJ2223	JAZZ GUITAR SEC - 2 YR	20053	Music	A.A. Elective	Used in 24 Hr. Elective Block
MVJ2225	JAZZ FLUTE SEC - 2 YR	20051	Music	A.A. Elective	Used in 24 Hr. Elective Block
MVJ2226	JAZZ SAX SEC - 2 YR	19992	Music	A.A. Elective	Used in 24 Hr. Elective Block
MVJ2229	JAZZ PRC/DRUM SEC - 2 YR	20041	Music	A.A. Elective	Used in 24 Hr. Elective Block
MVK1012	PRE-APPL HARPSICHORD	20002	Music	A.A. Elective	Used in 24 Hr. Elective Block



**STATE MANDATED FIVE YEAR DELETE**  
**June 01, 2011**

Prefix/Number	Course Title	Last Term Offered	School/Discipline	Attached to Program Code	Comments
MVK1013	PRE-APPLIED ORGAN	20052	Music	A.A. Elective	Used in 24 Hr. Elective Block
MVK1212	HARPSICHORD - SEC 1 YR	20013	Music	A.A. Elective	Used in 24 Hr. Elective Block
MVK2222	HARPSICHORD - SEC 2 YR	19774	Music	A.A. Elective	Used in 24 Hr. Elective Block
MVK2223	ORGAN - SECONDARY 2 YR	20033	Music	A.A. Elective	Used in 24 Hr. Elective Block
MVO1214	RECORDER - SEC 1 YR	20001	Music	A.A. Elective	Used in 24 Hr. Elective Block
MVS1015	PRE-APPLIED HARP	19952	Music	A.A. Elective	Used in 24 Hr. Elective Block
MVS1212	VIOLA - SEC FIRST YEAR	20013	Music	A.A. Elective	Used in 24 Hr. Elective Block
MVS2223	CELLO - SEC 2 YR	20013	Music	A.A. Elective	Used in 24 Hr. Elective Block
MVS2224	BASS - SEC 2 YR	20032	Music	A.A. Elective	Used in 24 Hr. Elective Block
MVS2225	HARP - SEC 2 YR	19974	Music	A.A. Elective	Used in 24 Hr. Elective Block
MVW1212	OBOE - SEC 1 YR	20042	Music	A.A. Elective	Used in 24 Hr. Elective Block
MVW2221	FLUTE - SEC 2 YR	20032	Music	A.A. Elective	Used in 24 Hr. Elective Block
MVW2223	CLARINET - SEC 2 YR	20022	Music	A.A. Elective	Used in 24 Hr. Elective Block
MVW2224	BASSOON - SEC 2 YR	19972	Music	A.A. Elective	Used in 24 Hr. Elective Block
MVW2225	SAXAPHONE - SEC 2 YR	20033	Music	A.A. Elective	Used in 24 Hr. Elective Block
MVW2322	OBOE - PRIN SECOND YR	20002	Music	A.A. Elective	Used in 24 Hr. Elective Block
TPA1210	THEATRE PRODUCTION 1	19953	Music	Not used in any Active Program	Used in 24 Hr. Elective Block
TPA1290	ST THEATRE TECH/LIGH	20023	Music	Not used in any Active Program	Used in 24 Hr. Elective Block
TPA2211	THEATRE PRODUCTION 2	19992	Music	Not used in any Active Program	Used in 24 Hr. Elective Block
TPP1313	ST THR DESIGN/DIRECT	20003	Music	Not used in any Active Program	Used in 24 Hr. Elective Block
TPP1560	DANCE MIME/MOVEM THR	19961	Music	Not used in any Active Program	Used in 24 Hr. Elective Block
TPP1561	DANCE MIME/MOVEM THR	19943	Music	Not used in any Active Program	Used in 24 Hr. Elective Block
BSC1949	CO-OP WRK EXP:1 BIO	20021	Natural Science	A.A. Elective	Used in 24 Hr. Elective Block
OCE1001L	INTR OCEANGRPY LAB	20052	Natural Science	A.A. Elective	Used in 24 Hr. Elective Block
PET2940	WELLNESS PROG INTERN	20052	Physical Education	A.A. Elective	Used in 24 Hr. Elective Block

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CAP1700	INTRO COM GRAPH PRGM	20061	SCET	Not used in any Active Program	
CET2205C	PULSE & DIGITAL CIRC	19992	SCET	Not used in any Active Program	
EEV0948	CO-OP WRK EXP: EEV	20012	SCET	Not used in any Active Program	
EST2122C	ELE MACH/IND CONT SYS	19982	SCET	Not used in any Active Program	
ETD0310C	INTRO MICRO CAD SYS	20061	SCET	Not used in any Active Program	
TDR0591C	ADV CAD ARCHITECTURE	20061	School of Architecture	Not used in any Active Program	
OST2388	CPS EXAMPREP 2	20061	School of Business	Not used in any Active Program	
OTA0472	LEGAL SECRE PREPAR 2	20031	School of Business	Not used in any Active Program	
OTA0753	LEGAL SECRETARY PREP	20031	School of Business	Not used in any Active Program	
OTA0906	OPEN WORDPROCESS LAB	20052	School of Business	Not used in any Active Program	
REE2180	REAL ESTATE APPR	20052	School of Business	Not used in any Active Program	
REE2181	REAL ESTATE APPR 2	20053	School of Business	Not used in any Active Program	
RMI0093	100 HR CUST SERV REP	19994	School of Business	Not used in any Active Program	
RMI0232	INVESTMENT PRACTICES	20002	School of Business	Not used in any Active Program	
RMI0235	WEALTH ACCUM PLANNG	19901	School of Business	Not used in any Active Program	
ISC3012	HISTORY OF SCIENCE	20053	School of Education	Not used in any Active Program	

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ISC3012	HISTORY OF SCIENCE	20053	School of Education	Not used in any Active Program	
EVR2808	HAZ MATRL INJURIES	19981	School of Fire/Environment	Not used in any Active Program	
EVR2890	INSTR/MONITR/SAMPLING	19971	School of Fire/Environment	Not used in any Active Program	
FFP1000	FIRE PROTECTION	19992	School of Fire/Environment	Not used in any Active Program	
DTE9995	DENTAL TECH MAT/TECH	19922	School of Health Science	Not used in any Active Program	
EMS1731	CPR INSTRUCTOR CERT	20003	School of Health Science	Not used in any Active Program	
HIM0995	HIM TRINING	20061	School of Health Science	Not used in any Active Program	
RET2836	CLINICAL PRACTICE 5	20013	School of Health Science	Not used in any Active Program	
CJE1567	FRST RESPOND/PUB SAFE	20052	School of Justice	Not used in any Active Program	
FIL2310	FILM CAMERA & LIGHTING	20061	SEDT	Not used in any Active Program	
HFT1910	RESEARCH DESTINATION	20042	SEDT	Not used in any Active Program	
RTT0003	CAREERS IN VIDEO	20042	SEDT	Not used in any Active Program	
GEA2030	GEO NON-WEST WORLD	20013	Social Science	A.A. Elective	Used in 24 Hr. Elective Block
HUS2800	COUNSEL TECHNIQ LAB	20043	Social Science	Not used in any Active Program	
SYG2110	INTRO TO SOCIAL RESERCH	20052	Social Science	A.A. Elective	Used in 24 Hr. Elective Block
SLS0200	INCREASE PERSNL EFFT	20061	Student Life Skills	Not used in any Active Program	
SLS0228	STRESS MANAGEMENT	20042	Student Life Skills	Not used in any Active Program	

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SLS0306	CAREER ADVANCEMENT	20061	Student Life Skills	Not used in any Active Program	
SLS0307	I-CANCAREER ASSESMT	20061	Student Life Skills	Not used in any Active Program	

**DELETE**

**SAVE**