

Miami Dade College  
Office Associate Provost, Academic Affairs

October 19, 2012

**MEMORANDUM**

**TO:** Rolando Montoya

**FROM:** Michael Reiner

**SUBJECT: APPROVAL OF CURRICULUM REPORT #93**

Attached for your approval is the approved curriculum presented at the October 9, 2012, CASSC meeting.

The information in Curriculum Report #93 includes the following items:

**Curriculum Requiring Approval**

1. **School of Engineering Technology**
  - **Program Modifications –**  
Computer Engineering Technology

**Informational Items**

2. **Academic Programs**  
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 – OCTOBER 9, 2012**  
**CURRICULUM REPORT #93**

**1. School of Engineering and Technology**

**Program Modifications –**

**Program Title:** Computer Engineering Technology  
**Program Code:** 26052  
**Department:** Computer Science  
**Effective Term:** Spring 2013 (2012-2)  
**Degree Type:** Associate in Science  
**Affected Campuses:** 1,2,3,5  
**Credit Hours Required:** 68.00

**Executive Summary – Modifications to Existing Program**

**Rationale:** EnTech requests a substitution of COP2270 “C” for Engineers to replace COP1334 Introduction to C++ Programming in order to align the CET A.S. program with the Electronics Engineering Technology B.S. degree and with AA transfer requirements to other engineering programs.

**Modification:**

1. **Major Course Requirements** (Area 7):
  - **Delete:** COP1334 - Introduction to C++ Programming (4 credits)
  - **Add:** COP 2270 - "C" for Engineers (4 credits)

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

**ASSOCIATE IN SCIENCE DEGREE**  
**PROGRAM OF STUDY: COMPUTER ENGINEERING TECHNOLOGY**  
**(26052)**

**EFFECTIVE TERM: Summer Spring 2012 2013 (2011-32012-2)**  
**SHOWING CHANGES**

**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** (46.00 credits)

Must take 46.0 credits from the following group.

- |  |  |
|--|--|
| <input type="checkbox"/> <a href="#">CET 1171</a> - Introduction to Computer Service and Maintenance (3 credits) | <input type="checkbox"/> <a href="#">CET 2588C</a> - Server + Service and Maintenance (3 credits)      |
| <input type="checkbox"/> <a href="#">CET 1178C</a> - A+ Computer Hardware Service (3 credits)                    | <input type="checkbox"/> <a href="#">COP2270 - C for Engineers</a> (4 credits) <b>ADD</b>              |
| <input type="checkbox"/> <a href="#">CET 1487C</a> - Network+ (3 credits)  | <input type="checkbox"/> <a href="#">EET 1015C</a> - Direct Current Circuits (4 credits)               |
| <input type="checkbox"/> <a href="#">CET 1110C</a> - Digital Circuits (4 credits)                                | <input type="checkbox"/> <a href="#">EET 1025C</a> - Alternating Current Circuits (4 credits)          |
| <input type="checkbox"/> <a href="#">CET 2123C</a> - Microprocessors (4 credits)                                 | <input type="checkbox"/> <a href="#">EET 1082</a> - Introduction to Electronics (3 credits)            |
| <input type="checkbox"/> <a href="#">CET 2113C</a> - Advanced Digital Circuits (4 credits)                       | <input type="checkbox"/> <a href="#">EET 2351C</a> - Electronic Communications 2 - Digital (4 credits) |
|  | <input type="checkbox"/> <a href="#">MAC 1114</a> - Trigonometry (3 credits)                           |

--- And ---

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Must take 4.0 credits from the following group.

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

**DELETE**

The following course(s) are not allowed for credit in this area.

All Labs

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**8. MAJOR COURSE ELECTIVE** (7.00 credits)

- |  |   |
|--|---|
| <input type="checkbox"/> <a href="#">EET 1141C</a> - Electronics 1 (4 credits) | <input type="checkbox"/> <a href="#">EET 2323C</a> - Electronic Communications 1 - Analog (4 credits) |
| <input type="checkbox"/> <a href="#">EET 2101C</a> - Electronics 2 (4 credits) | <input type="checkbox"/> <a href="#">MAC 1140</a> - Pre-Calculus Algebra (3 credits)                  |

**ASSOCIATE IN SCIENCE DEGREE**  
**PROGRAM OF STUDY: COMPUTER ENGINEERING TECHNOLOGY (26052)**  
**EFFECTIVE TERM: Spring 2013 (2012-2)**  
**PROPOSED**

**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)
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**7. MAJOR COURSE REQUIREMENTS** (46.00 credits)

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| <input type="checkbox"/> <a href="#">CET 1178C</a> - A+ Computer Hardware Service (3 credits)                    | <input type="checkbox"/> <a href="#">COP2270</a> - C for Engineers (4 credits)                         |
| <input type="checkbox"/> <a href="#">CET 1487C</a> - Network+ (3 credits)  | <input type="checkbox"/> <a href="#">EET 1015C</a> - Direct Current Circuits (4 credits)               |
| <input type="checkbox"/> <a href="#">CET 1110C</a> - Digital Circuits (4 credits)                                | <input type="checkbox"/> <a href="#">EET 1025C</a> - Alternating Current Circuits (4 credits)          |
| <input type="checkbox"/> <a href="#">CET 2123C</a> - Microprocessors (4 credits)                                 | <input type="checkbox"/> <a href="#">EET 1082</a> - Introduction to Electronics (3 credits)            |
| <input type="checkbox"/> <a href="#">CET 2113C</a> - Advanced Digital Circuits (4 credits)                       | <input type="checkbox"/> <a href="#">EET 2351C</a> - Electronic Communications 2 - Digital (4 credits) |
|  | <input type="checkbox"/> <a href="#">MAC 1114</a> - Trigonometry (3 credits)                           |

The following course(s) are not allowed for credit in this area.  
All Labs

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**8. MAJOR COURSE ELECTIVE** (7.00 credits)

- |  |   |
|--|---|
| <input type="checkbox"/> <a href="#">EET 1141C</a> - Electronics 1 (4 credits) | <input type="checkbox"/> <a href="#">EET 2323C</a> - Electronic Communications 1 - Analog (4 credits) |
| <input type="checkbox"/> <a href="#">EET 2101C</a> - Electronics 2 (4 credits) | <input type="checkbox"/> <a href="#">MAC 1140</a> - Pre-Calculus Algebra (3 credits)                  |

**2. Informational Item****Academic Programs****Five Year Delete****Miami Dade College  
Five Year Delete List**

Last Term Offered	Course ID	Effective Term	End Term	Credit Type	Course Status	Used in Program	Program Effective Term	Program Title
20063	BSC2420C	19932		1	ACTIVE			Not Attached to Program
20063	EDF2091	20091		1	ACTIVE	22013	20061	Instructional Services Technology
20062	EEL2114C	20092		1	ACTIVE			Not Attached to Program
20071	EUH2030	19842		1	ACTIVE			A.A. 24 Hr. Elective Block
20062	GLY3171	20031		1	ACTIVE			Not Attached to Program
20063	GLY3884	20031		1	ACTIVE			Not Attached to Program
20063	GLY3884L	20031		1	ACTIVE			Not Attached to Program
20063	GLY4045	20061		1	ACTIVE			Not Attached to Program
20052	MUM1622L	19873		1	ACTIVE			A.A. 24 Hr. Elective Block
20052	MUM1662	19861		1	ACTIVE			A.A. 24 Hr. Elective Block
20062	MUT2272	19851		1	ACTIVE			A.A. 24 Hr. Elective Block
20071	SOW2054	19781		1	ACTIVE			A.A. 24 Hr. Elective Block
20071	SOW2055	19781		1	ACTIVE			A.A. 24 Hr. Elective Block
20062	TPP1123	19942		1	ACTIVE			Not Attached to Program
20062	CTS1101	20081		2	ACTIVE			Not Attached to Program
20071	PAD2002	19932		2	ACTIVE	23033	20042	Sign Language Interpretation
20062	RTV2995	20051		2	ACTIVE			Not Attached to Program
20071	EEV0555	20091		5	ACTIVE			Not Attached to Program
20003	GRA0455	19932		5	ACTIVE			Not Attached to Program
20071	MKA0248	20081		5	ACTIVE			Not Attached to Program
20071	RTT0200	19962		5	ACTIVE			Not Attached to Program