

Miami Dade College
Office of the Associate Provost of Academic Affairs

July 18, 2014

MEMORANDUM

TO: Lenore Rodicio
FROM: Beverly Moore-Garcia
SUBJECT: CURRICULUM REPORT #110

All curriculum items included in this report were presented and discussed at the July 8, 2014, College CASSC meeting. However due to lack of quorum, all curriculum requiring approval were placed in motion to be distributed for electronic voting. Approval of curriculum items is for offering at all campuses and centers, all off campus sites, at Honors level and through Distance Education

Informational Items

1. **School of Business**

Deletion of Programs

- **Program Title:** Teller Operations – C.T.C. (55017)
Administrator (s): Rafo Saldana/Ana Cruz
Faculty:

- **Program Title:** Business Administration – A.A.S. (A5086, A5087, A5088, A5089, A5090)/
C.C.C. (65018, 65029, 65012, 65023, 65017, 65028, 65019, 65030)
Administrator (s): Rafo Saldana/Cynthia Conteh
Faculty:

2. **Hospitality Management**

Program Deletion

- Program Title:** Hospitality and Tourism Management – A.A.S. (A5096/A5095)
Administrator (s): Billy Jones
Faculty:

3. **Radiography Technology**

Program Deletion

- Program Title:** Radiography – A.A.S. (A3037/A3036/A3038)
Administrator (s): Amy Pettigrew/Ken Lee
Faculty: Merlin Zolfaghari

Curriculum Requiring Approval

4. **School of Engineering Technology**

Program Modifications

- Program Title:** Computer Programmer C.C.C. (66045)
Administrator (s): Billy Jones/Diane King
Faculty: Jack Lusby

Add New Courses

<u>Course No.</u>	<u>Course Title</u>
COP1120	Introduction to COBOL Programming
COP2129	Advanced COBOL Programming

5. School of Health Sciences

• **Course Modifications**

HIM1000	Introduction to Health Information Technology
HIM1110	Health Information Technology and Data Collection
HIM1110L	Health Information Technology and Data Collection lab
HIM1800	Professional Practice Experience 1
HIM2211C	Health Information Technologies
HIM2253C	Current Procedural Terminology/CPT-4
HIM2400C	Diversified Non-Hospital Health Records
HIM2472	Medical Terminology
HIM2500	Data Management & Quality Assessment
HIM2512C	Supervision & Organization for Health Information Technology
HIM2810	Professional Practice Experience 2
HIM2820	Seminar and Professional Practice Experience 3

Administrator (s): Amy Pettigrew/Debra Shannon
Faculty: Mary Worsley

6. Fire and Environmental Science

Program Deletion

Program Title: Environmental Science Technology – A.S., All Tracks
Option 27021 – Conservation Ecology
Option 27022 – Environmental Science
Option 27023 – Assessment/Safety Compliance
Option 27024 – Watershed Management
Option 27025 – HAZMAT Technology

Administrator (s): Jackie Peña/Mike McCann
Faculty:

Miami Dade College
College-wide CASSC Meeting – July 8, 2014
CURRICULUM REPORT # 110

Informational Items – No Voting Required

1. School of Business

Program Deletion

Program Title: Teller Operations (55017)
Degree Type: College Technical Certificate (C.T.C.)
Effective Term: Fall 2014-1
Affected Campus (es): North, Wolfson, Kendall, Homestead, InterAmerican, Hialeah, MDC-West, Centers, all off campus sites, at Honors level and through Distance Education.
Administrator (s): Rafo Saldana/Ana Cruz
Faculty:

Program Sheet

**Teller Operation (55017)
Career Technical Certificate**

C.I.P. (8888888888)

Total contact hours required for the degree is **150**.

Course	Course Title	Contact Hours	Pre-/Co-Requisites
<u>OCCUPATIONAL COMPLETION POINT A – 150 Contact Hours</u>			
BAN 0930	Banking for Tellers	45	<u>(DELETE COURSE)</u>
BRC 0109	Teller Training	105	<u>(DELETE COURSE)</u>

Additional Information:

A minimum cumulative grade point average of 2.0 is required for graduation (Note: may be higher with appropriate rationale).

Students should check their individualized Degree Audit Report to determine the specific graduation policies in effect for their program of study for the year and term they entered Miami Dade. This outline includes current graduation requirements.

The final responsibility for meeting graduation requirements rests with the student.

Program Changes

1. **DELETE** the Teller Operation (55017) Career Technical Certificate (CTC)
2. The following courses will be **DELETED/REMOVED/END-TERMED** from odyssey:
 - BAN 0930 Banking for Tellers
 - BRC 0109 Teller Training

Program Deletion

Program Title: Business Administration – A.A.S. (A5086, A5087, A5088, A5089, A5090)/
C.C.C. (65018, 65029, 65012, 65023, 65017, 65028, 65019, 65030)
Degree Type: Associate of Applied Science (A.A.S.)/College Credit Certificate (C.C.C.)
Effective Term: Fall 2014-1
Affected Campus (es): North, Wolfson, Kendall, Homestead, InterAmerican, Hialeah, MDC-West,
Centers, all off campus sites, at Honors level and through Distance Education.
Administrator (s): Rafo Saldana/Cynthia Conteh
Faculty:

DELETE PROGRAM



Miami Dade College

Miami Dade College Program Sheets

VIEW ANOTHER PROGRAM

Wednesday, February 27, 2013 3:39 PM

ASSOCIATE OF APPLIED SCIENCE PROGRAM OF STUDY: **BUSINESS ADMINISTRATION - MANAGEMENT (A5087)** EFFECTIVE TERM: **Summer 2013 (2012-3)**

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. SOCIAL ENVIRONMENT (3.00 credits)

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

5. MATH/SCIENCE (3.00 credits)

[QMB 2100](#) - Basic Business Statistics (3 credits)

[MTB 1103](#) - Business Mathematics (3 credits)

6. COMPUTER COMPETENCY

Test type(s) needed:

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

7. MAJOR COURSE REQUIREMENTS (29.00 credits)

Must take 3.0 credits from the following group.

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

[ACG 2011](#) - Principles of Accounting 2 (3 credits)

----- And -----

Must take 3.0 credits from the following group.

[BUJ 2241](#) - Business Law 1 (3 credits)

[BUJ 2131](#) - Legal Environment (3 credits)

----- And -----

Must take 23.0 credits from the following group.

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

[GEB 1011](#) - Principles of Business (3 credits)

[ACG 2430](#) - Microcomputers in Accounting (1.00 - 3.00 credits)

[MAN 2021](#) - Principles of Management (3 credits)

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

[MAR 1011](#) - Principles of Marketing (3 credits)

[ECO 2013](#) - Principles of Economics (Macro) (3 credits)

[DST 2335](#) - Business Writing (3 credits)

DELETE PROGRAM



Miami Dade College

Miami Dade College Program Sheets

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Wednesday February 27, 2013 4:14 PM

ASSOCIATE OF APPLIED SCIENCE
PROGRAM OF STUDY: BUSINESS ADMINISTRATION - INTERNATIONAL BUSINESS (A5086)
EFFECTIVE TERM: Summer 2013 (2012-3)

I. GENERAL EDUCATION REQUIREMENTS

1. COMMUNICATIONS (3.00 credits)

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

2. ORAL COMMUNICATIONS (3.00 credits)

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

3. HUMANITIES (3.00 credits)

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

4. SOCIAL ENVIRONMENT (3.00 credits)

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

5. MATH/SCIENCE (3.00 credits)

[QMB 2100](#) - Basic Business Statistics (3 credits)

[MTB 1103](#) - Business Mathematics (3 credits)

6. COMPUTER COMPETENCY

Test type(s) needed:

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

7. MAJOR COURSE REQUIREMENTS (29.00 credits)

Must take 3.0 credits from the following group.

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

[ACG 2011](#) - Principles of Accounting 2 (3 credits)

--- And ---

Must take 3.0 credits from the following group.

[BUL 2241](#) - Business Law 1 (3 credits)

[BUL 2131](#) - Legal Environment (3 credits)

--- And ---

Must take 23.0 credits from the following group.

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

[GER 1011](#) - Principles of Business (3 credits)

[ACG 2450](#) - Microcomputers in Accounting (1.00 - 3.00 credits)

[MAN 2021](#) - Principles of Management (3 credits)

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

[MAR 1011](#) - Principles of Marketing (3 credits)

[ECO 2013](#) - Principles of Economics (Macro) (3 credits)

[OST 2335](#) - Business Writing (3 credits)

DELETE PROGRAM



Miami Dade College

Miami Dade College Program Sheets

[VIEW ANOTHER PROGRAM](#)

Wednesday February 27, 2013 4:14 PM

ASSOCIATE OF APPLIED SCIENCE
PROGRAM OF STUDY: BUSINESS ADMINISTRATION - INTERNATIONAL BUSINESS (A5086)
EFFECTIVE TERM: Summer 2013 (2012-3)

I. GENERAL EDUCATION REQUIREMENTS

1. COMMUNICATIONS (3.00 credits)

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

2. ORAL COMMUNICATIONS (3.00 credits)

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

3. HUMANITIES (3.00 credits)

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

4. SOCIAL ENVIRONMENT (3.00 credits)

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

5. MATH/SCIENCE (3.00 credits)

[QMB 2100](#) - Basic Business Statistics (3 credits)

[MTB 1103](#) - Business Mathematics (3 credits)

6. COMPUTER COMPETENCY

Test type(s) needed:

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

7. MAJOR COURSE REQUIREMENTS (29.00 credits)

Must take 3.0 credits from the following group.

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

[ACG 2011](#) - Principles of Accounting 2 (3 credits)

--- And ---

Must take 3.0 credits from the following group.

[BUL 2241](#) - Business Law 1 (3 credits)

[BUL 2131](#) - Legal Environment (3 credits)

--- And ---

Must take 23.0 credits from the following group.

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

[GER 1011](#) - Principles of Business (3 credits)

[ACG 2450](#) - Microcomputers in Accounting (1.00 - 3.00 credits)

[MAN 2021](#) - Principles of Management (3 credits)

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

[MAR 1011](#) - Principles of Marketing (3 credits)

[ECO 2013](#) - Principles of Economics (Macro) (3 credits)

[OST 2335](#) - Business Writing (3 credits)

DELETE PROGRAM



Miami Dade College

Miami Dade College Program Sheets

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Wednesday February 27, 2013 4:19 PM

ASSOCIATE OF APPLIED SCIENCE
PROGRAM OF STUDY: BUSINESS ADMINISTRATION - MARKETING (A5088)
EFFECTIVE TERM: Summer 2013 (2012-3)

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. SOCIAL ENVIRONMENT (3.00 credits)

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

5. MATH/SCIENCE (3.00 credits)

[QMB 2100](#) - Basic Business Statistics (3 credits)

[MTB 1103](#) - Business Mathematics (3 credits)

6. COMPUTER COMPETENCY

Test type(s) needed:

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

7. MAJOR COURSE REQUIREMENTS (29.00 credits)

Must take 3.0 credits from the following group.

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

[ACG 2011](#) - Principles of Accounting 2 (3 credits)

... And ...

Must take 3.0 credits from the following group.

[BUL 2241](#) - Business Law 1 (3 credits)

[BUL 2131](#) - Legal Environment (3 credits)

... And ...

Must take 23.0 credits from the following group.

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

[GEB 1011](#) - Principles of Business (3 credits)

[ACG 2450](#) - Microcomputers in Accounting (1.00 - 3.00 credits)

[MAN 2021](#) - Principles of Management (3 credits)

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

[MAR 1011](#) - Principles of Marketing (3 credits)

[ECO 2013](#) - Principles of Economics (Macro) (3 credits)

[QST 2335](#) - Business Writing (3 credits)

DELETE PROGRAM



Miami Dade College

Miami Dade College Program Sheets

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Wednesday February 27, 2013 4:23 PM

ASSOCIATE OF APPLIED SCIENCE
PROGRAM OF STUDY: BUSINESS ADMINISTRATION - NON-PROFIT MANAGEMENT (A5089)
EFFECTIVE TERM: Summer 2013 (2012-3)

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. SOCIAL ENVIRONMENT (3.00 credits)

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

5. MATH/SCIENCE (3.00 credits)

[QMB 2100](#) - Basic Business Statistics (3 credits)

[MTB 1103](#) - Business Mathematics (3 credits)

6. COMPUTER COMPETENCY

Test type(s) needed:

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

7. MAJOR COURSE REQUIREMENTS (29.00 credits)

Must take 3.0 credits from the following group.

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

[ACG 2011](#) - Principles of Accounting 2 (3 credits)

----- And -----

Must take 3.0 credits from the following group.

[BUL 2241](#) - Business Law 1 (3 credits)

[BUL 2131](#) - Legal Environment (3 credits)

----- And -----

Must take 23.0 credits from the following group.

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

[GER 1011](#) - Principles of Business (3 credits)

[ACG 2450](#) - Microcomputers in Accounting (1.00 - 3.00 credits)

[MAN 2021](#) - Principles of Management (3 credits)

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

[MAR 1011](#) - Principles of Marketing (3 credits)

[ECO 2013](#) - Principles of Economics (Macro) (3 credits)

[QST 2335](#) - Business Writing (3 credits)

DELETE PROGRAM

**ASSOCIATE OF APPLIED SCIENCE
PROGRAM OF STUDY: BUSINESS ADMINISTRATION - REAL ESTATE (A5090)
EFFECTIVE TERM: Summer 2013 (2012-3)**

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. SOCIAL ENVIRONMENT (3.00 credits)

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

5. MATH/SCIENCE (3.00 credits)

[QMB 2100](#) - Basic Business Statistics (3 credits)

[MTB 1103](#) - Business Mathematics (3 credits)

6. COMPUTER COMPETENCY

Test type(s) needed:

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

7. MAJOR COURSE REQUIREMENTS (29.00 credits)

Must take 3.0 credits from the following group.

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

[ACG 2011](#) - Principles of Accounting 2 (3 credits)

--- And ---

Must take 3.0 credits from the following group.

[BUL 2241](#) - Business Law 1 (3 credits)

[BUL 2131](#) - Legal Environment (3 credits)

--- And ---

Must take 23.0 credits from the following group.

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

[GEB 1011](#) - Principles of Business (3 credits)

[ACG 2450](#) - Microcomputers in Accounting (1.00 - 3.00 credits)

[MAN 2021](#) - Principles of Management (3 credits)

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

[MAR 1011](#) - Principles of Marketing (3 credits)

[ECO 2013](#) - Principles of Economics (Macro) (3

[OST 2335](#) - Business Writing (3 credits)

2. Hospitality Management

Program Deletion

Program Title: Hospitality and Tourism Management (A5096/A5095)

Degree Type: Associate of Applied Science (A.A.S.)

Effective Term: Fall 2014-1

Affected Campus (es): North, Wolfson, Kendall, Homestead, InterAmerican, Hialeah, MDC-West, Centers, all off campus sites, at Honors level and through Distance Education.

Administrator (s): Billy Jones

Faculty:

NOTE: THE BELOW COURSEWORK IS CURRENT, AND WILL BE RETAINED AT MDC FOR THE AS DEGREE PROGRAM. THE BELOW AAS PROGRAM CODE WILL BE DELETED.

HOSPITALITY & TOURISM MANAGEMENT – FOOD SERVICE MANAGEMENT (A5096)
ASSOCIATE IN APPLIED SCIENCE

C.I.P. (0252090100)

Total credits required for the degree is 64.

The Hospitality and Tourism Management program provides professional preparation for a career in the hospitality industry. Hospitality management is presented as a core curriculum with emphasis on hotel management specialization, a restaurant/food service management specialization and a cruise line management specialization. An internship program is required to provide practical experience in the field of the student's choice. To transfer to a four-year institution, please see the Hospitality and Tourism Management Associate in Science degree requirements or your program advisor. This A.A.S. does not transfer to a four-year institution.

Course	Course Title	Credits	Pre-/Co-Requisites
LOWER DIVISION REQUIREMENTS			
General Education		15	
Communications – 3 Credits Required			
ENC 1101	English Composition 1	3	
Oral Communication – 3 Credits Required			
SPC 1017	Fundamentals of Speech Communications	3	
Humanities – 3 Credits Required			
PHI 2604	Critical Thinking & Ethic	3	Prerequisite: ENC 1101
Social/Behavioral Science – 3 Credits Required			
CLP 1006	The Psychology of Personal Effectiveness	3	
Mathematic – 3 Credits Required			
QMB 2100	Basic Business Statistics	3	Co-requisite: QMB 2100L
MTB 1103	Business Mathematics	3	
Computer Science			
CGS 1060	Introduction to Microcomputer Usage**		
**This course must be satisfied for completion of the Associate in Science Degree. Course satisfaction can be accomplished through examination or by successful class attendance in the course.			
Major Course Requirements – 28 Credits			
Must take 3 credits from the following group.			
ACG 2021	Financial Accounting	3	Co-requisite: ACG 2021L
ACG 2011	Principles of Accounting 2	3	Prereq: ACG 2001; Co-req: ACG 2011L
AND			
Must take 1 credit from the following group.			
ACG 2021L	Financial Accounting Lab	1	Co-requisite: ACG2021
ACG 2011L	Principles of Accounting 2 Lab	1	Co-requisite: ACG 2011
AND			
Must take 3 credits from the following group.			
HFT 2500	Marketing of Hospitality Services	3	
MAR 1011	Principles of Marketing	3	
AND			
Must take 3 credits from the following group.			
MAN 2021	Principles of Management	3	
MNA 1345	Effective Supervision	3	
AND			
Must take 18 credits from the following group.			
ECO 2013	Principles of Economics (Macro)	3	
HFT 1000	Introduction to Hospitality	3	
HFT 1212	Safety and Sanitation	3	
HFT 1949	Co-op Work-study Internships I	3	
MAN 2300	Human Resources Management	3	

College CASSC Meeting- Tuesday, July 8, 2014
Curriculum Report # 110

MKA 1161 Introduction to Customer Service 3

Area Specialization – 15 Credits Required

Course	Course Title	Credits	Pre-/Co-Requisites
Must take 3.0 credits from the following group.			
HFT 2261	Restaurant Management	3	Prerequisite: HFT 1000
HFT 2750	Event and Meeting Management	3	
AND			
Must take 12.0 credits from the following group.			
HFT 1841	Dining Room Service	3	Co-requisite: HFT 1000
HFT 1841L	Dining Room Service Laboratory	1	Co-requisite: HFT 1841
HFT 1441	Point of Service	1	
HFT 1611	Responsible Beverage Vendor	1	Prerequisite: HFT 1000
HFT 1852	Menu and Facilities Planning	3	Co-requisite: HFT 1000
HFT 2800	Food and Beverage Management	3	

Electives – 6 Credits Required

ACG*	GEB*	MAR*	SBM*
BUL*	HFT*	MNA*	TAX*
ECO*	MAC*	OST*	
FIN*	MAN*	PUR*	

Computer Competency: By the **16th earned** college level credit (excluding EAP and college preparatory courses), a student **must take** the Computer Competency Test and pass

Or

By the **31st earned** college level credit (excluding EAP and college preparatory courses), a student **must pass** CGS 1060, an equivalent continuing education or vocational credit course or retest with a **passing score on the Computer Competency Test.**

Students should check their individualized Degree Audit Report to determine the specific graduation policies in effect for their program of study for the year and term they entered Miami Dade. This outline includes current graduation requirements.

The final responsibility for meeting graduation requirements rests with the student.

3. Radiography Technology

Program Deletion

Program Title: Radiography (A3037/A3036/A3038)

Degree Type: Associate of Applied Science (A.A.S.)

Effective Term: Fall 2014-1

Affected Campus (es): North, Wolfson, Kendall, Homestead, InterAmerican, Hialeah, MDC-West, Centers, all off campus sites, at Honors level and through Distance Education.

Administrator (s): Amy Pettigrew/Ken Lee

Faculty: Merlin Zolfghari

NOTE: THE BELOW COURSEWORK IS CURRENT, AND WILL BE RETAINED AT MDC FOR THE AS DEGREE PROGRAM. THE BELOW AAS PROGRAM CODE(S) WILL BE DELETED.

RADIOGRAPHY A3037/ A3036 /A3038
ASSOCIATE IN APPLIED SCIENCE

C.I.P. (0351090700)

Total credits required for the degree is 77.

A radiographer, also known as a Radiologic Technologist, is responsible for producing radiographs as prescribed by a physician. In order to successfully produce a radiograph, the radiographer must position the patient between the image receptor and the x-ray tube, select the proper amount of radiation, and then energize the x-ray tube. Radiographic image processing and evaluation, radiation protection, and basic patient assessment are within the scope of practice of a radiographer

Course	Course Title	Credits	Pre-/Co-Requisites
LOWER DIVISION REQUIREMENTS			
General Education		15	
Communications – 6 Credits Required			
ENC 1101	English Composition 1	3	
Oral Communication – 3 Credits Required			
SPC 1017	Fundamentals of Speech Communications	3	
Humanities – 3 Credits Required			
PHI 2604	Critical Thinking & Ethic	3	
Social/Behavioral Science – 3 Credits Required			
CLP 1006	The Psychology of Personal Effectiveness	3	
Mathematic – 3 Credits Required			
MAC 1105	College Algebra	3	

Computer Science

CGS 1060 Introduction to Microcomputer Usage** - This course must be satisfied for completion of the Associate in Science Degree. Course satisfaction can be accomplished through examination or by successful class attendance in the course.

Discipline Content Core – 62 Credits Required

Course	Course Title	Credits	Pre-/Co-Requisites
BSC 2085	Human Anatomy & Physiology 1	3	Pre/Co-Req BSC 2085L
BSC 2085L	Human Anatomy & Physiology 1	1	Pre/Co-Req BSC 2085
BSC 2086	Human Anatomy & Physiology 1	3	Pre/Co-Req BSC 2086L
BSC 2086L	Human Anatomy & Physiology 1	1	Pre/Co-Req BSC 2086
RTE 1000	Introduction to Radiography Technology 2		
RTE 1613	Radiology Physics	2	
RTE 1503	Radiographic Positioning 1	3	
RTE 1503L	Radiology Positioning 1 lab	1	
RTE 1804	Radiology Clinical 1	5	
RTE 1513	Radiology Positioning 2	3	Pre/Co-Req RTE 1503
RTE 1513L	Radiology Positioning 2 lab	1	Pre/Co-Req RTE 1503L
RTE 1418	Radiology Technique 1	3	
RTE 1814	Radiographic Clinical 2	5	Pre/Co-Req RTE 1804
RTE 1824	Radiographic Clinical 3	5	Pre/Co-Req RTE 1814
RTE 2457	Radiologic Technology 2	3	Pre/Co-Req RTE 1418
RTE 2563	Radiographic Positioning 3	2	Pre/Co-Req RTE 1513L
RTE 2834	Radiographic Clinical 4	5	Pre/Co-Req RTE 1824
RTE 2385	Radiation Biology	2	
RTE 2844	Radiographic Clinical 5	8	Pre/Co-Req RTE 2834
RTE 2010	New Imaging Modalities in Radiology	1	
RTE 2854	Radiographic Clinical 6	3	Pre/Co-Req RTE 2844

Computer Competency: By the **16th earned** college level credit (excluding EAP and college preparatory courses), a student **must take** the Computer Competency Test and pass

Or

By the **31st earned** college level credit (excluding EAP and college preparatory courses), a student **must pass** CGS 1060, an equivalent continuing education or vocational credit course or retest with a **passing score on the Computer Competency Test.**

Students should check their individualized Degree Audit Report to determine the specific graduation policies in effect for their program of study for the year and term they entered Miami Dade. This outline includes current graduation requirements. The final responsibility for meeting graduation requirements rests with the student.

Curriculum Requiring Approval

4. School of Engineering Technology

Program Modifications

Program Title: Computer Programmer (66045)
Degree Type: College Credit Certificate (C.C.C.)
Effective Term: Spring 2014-2
Affected Campus (es): North, Wolfson, Kendall, Homestead, InterAmerican, Hialeah, MDC-West, Centers, all off campus sites, at Honors level and through Distance Education.

Administrator (s): Billy Jones/Diane King
Faculty: Jack Lusby

Motion: **Approve to add existing course ACG2021 and program options – Business Applications and Mobile Applications Development.**

Add New Courses

Administrator (s): Billy Jones/Diane King
Faculty: Jack Lusby

Motion: **Approve two new courses and associated fees to meet the demands for programmers proficient in the COBOL language to support mission-critical, legacy applications.**

<u>Course No.</u>	<u>Course Title</u>	<u>Credits</u>	<u>Campus</u>	<u>Eff. Term</u>
COP1120	Introduction to COBOL Programming	4	1, 2, 3, 5, 6, 7/Ctr.	2014-2

Course Description: This is an introductory course in COBOL programming recommended for students majoring in Information Technology and Computer Information Systems. Students will learn how to design, code, compile, and execute structured programs for business applications. Recommended preparation: CGS1060 or experience working with computers and knowledge of elementary algebra. Laboratory fee. (3 hr. lecture 2 hr. lab) Pre/Co-requisites: CGS1060.

Curriculum Action Rationale: Responding to industry demand for programmers proficient in the COBOL language to support mission-critical, legacy applications. Industry demand due to retirements of an aging workforce.

Proposed Fee: \$63.00

Rationale/Justification: Course requires laboratory personnel, materials, equipment, software licenses and consumables.

<u>Course No.</u>	<u>Course Title</u>	<u>Credits</u>	<u>Campus</u>	<u>Eff. Term</u>
COP2129	Advanced COBOL Programming	4	1, 2, 3, 5, 6, 7/Ctr.	2014-2

Course Description: This is a second level course in COBOL programming recommended for Information Technology and Computer Information Systems majors. Students will learn advanced techniques of structured programming. Emphasis will be on design and execution of structured programming using various access methods. (3 hr. lecture 2 hr. lab) Pre-requisites: COP1120.

Curriculum Action Rationale: Responding to industry demand for programmers proficient in the COBOL language to support mission-critical, legacy applications. Industry demand due to retirements of an aging workforce.

Proposed Fee: \$63.00

Rationale/Justification: Course requires laboratory personnel, materials, equipment, software licenses and consumables.

ATTACHMENT 1 – COMPUTER PROGRAMMER (PROPOSED)

**COLLEGE CREDIT CERTIFICATE
PROGRAM OF STUDY: COMPUTER PROGRAMMER (66045)
EFFECTIVE TERM: Fall 2014 (2014-1)**

MAJOR COURSE REQUIREMENTS (20.00 credits)

<input type="checkbox"/>	CGS 1060 - Introduction to Microcomputer Usage	(4 credits)	
<input type="checkbox"/>	CGS 1540 - Database Concepts Design	(4 credits)	Pre-req CGS1060
<input type="checkbox"/>	CIS 1321 - Introduction to Systems Analysis and Design	(4 credits)	Pre-req CGS1060
<input type="checkbox"/>	COP 1334 - Introduction to C++ Programming	(4 credits)	Pre/co-req CGS1060
<input type="checkbox"/>	COP 2800 - Java Programming	(4 credits)	Pre-req COP1334

CERTIFICATE OPTIONS – CHOOSE ONE

OPTION A. BUSINESS APPLICATIONS (16 CREDITS) - 66033

Certificate Core Required (8 Credits)

<input type="checkbox"/>	ACG2021 Financial Accounting	(3 credits)	Co-req ACG2021L
<input type="checkbox"/>	ACG2012L Financial Accounting Lab	(1 credit)	Co-req ACG2021
<input type="checkbox"/>	COP1332 Introduction to Visual Basic Programming	(4 credits)	Pre/co-req CGS1060

Option "A" Electives

Must take 8.0 credits from the following group:

<input type="checkbox"/>	CIS 2322 Systems Analysis Design and Implementation	(4 credits)	
<input type="checkbox"/>	COP 2333 Advanced Programming Concepts using Visual Basic	(4 credits)	Pre-req COP1332
<input type="checkbox"/>	COP2335 Object Oriented Programming using C++	(4 credits)	Pre-req COP1334
<input type="checkbox"/>	COP 2805 Advanced Java Programming	(4 credits)	Pre-req COP2800
<input type="checkbox"/>	COP 2842 Developing Websites using PHP/MYSQL	(4 credits)	

OPTION B: MOBILE APPLICATIONS DEVELOPMENT OPTION (16 CREDITS) - 66036

Certificate Core Required (16 Credits)

<input type="checkbox"/>	COP 2660 Android Application 1	(4 credits)	Pre-req COP1334
<input type="checkbox"/>	COP 2662 Android Application 2	(4 credits)	Pre-req COP2660, COP2800
<input type="checkbox"/>	COP 2654 iPhone App Development 1	(4 credits)	Pre-req COP1332 or COP1334
<input type="checkbox"/>	COP 2658 iPhone App Development 2	(4 credits)	Pre-req COP2654

5. School of Health Sciences

- **Health Information Technology, A.S. – Course Modifications**

Effective Term: Spring 2014-2

Affected Campus: Medical

Administrator (s): Amy Pettigrew/Debra Shannon

Faculty: Mary Worsley

Motion: **Approve 12 revised health information technology courses that include: descriptions (changed to SLO format) and associated Learning Outcomes and course titles updates to reflect the name change from “Management” to “Technology**

<u>Course No.</u>	<u>Course Title</u>	<u>Credits</u>	<u>Campus</u>	<u>Eff. Term</u>
HIM1000	Introduction to Health Information Technology	2	4	2014-2

Course Description: This course examines the role and functions of a health information technician. Students will learn about the structure, organization, and maintenance of the medical record. Students will also learn about the organization and function of various types of health care facilities, the responsibilities of national, state and local health agencies, and the organization and mission of the American Health Information Management Association. (2 hr. lecture)

Curriculum Action Rationale: Updates to course description and competencies to reflect current curriculum practices.

<u>Course No.</u>	<u>Course Title</u>	<u>Credits</u>	<u>Campus</u>	<u>Eff. Term</u>
HIM1110	Health Information Technology & Data Collection	2	4	2014-2

Course Description: This course is designed to provide the skills necessary to function in a health information management department. Students will learn health record data collection and informatics. Students will also learn about the various components and approaches of the electronic health record. Prerequisite: HIM 1000, 2472; corequisite: HIM 1110L. (2 hr. lecture)

Curriculum Action Rationale: Course updates to include Learning Outcomes.

<u>Course No.</u>	<u>Course Title</u>	<u>Credits</u>	<u>Campus</u>	<u>Eff. Term</u>
HIM1110L	Health Information Technology & Data Collection Lab	3	4	2014-2

Course Description: This course is designed to apply basic requirements imposed by regulatory agencies to health record data. Students will learn how clinical data repositories store health information. Students will also learn the concepts relating to confidentiality, ethics, and release of information. Prerequisite: HIM 1000, 2472; corequisite HIM 1110. (6 hr. lab)

Curriculum Action Rationale: Course updates to Learning Outcomes.

<u>Course No.</u>	<u>Course Title</u>	<u>Credits</u>	<u>Campus</u>	<u>Eff. Term</u>
HIM1800	Professional Practice Experience 1	2	4	2014-2

Course Description: This course will provide the student with a supervised professional practice experience in a health care setting, utilizing electronic health records and reports to manage health information data. Students will learn an in-depth knowledge of applying the minimum basic requirements for handling records imposed by regulatory agencies. Prerequisite: H IM 1000; corequisite: HIM 1110, 1110L.
Curriculum Action Rationale: Course updates to Learning Outcomes.

<u>Course No.</u>	<u>Course Title</u>	<u>Credits</u>	<u>Campus</u>	<u>Eff. Term</u>
HIM2211C	Health Information Technologies	2	4	2014-2

Course Description: This course is designed to examine computer technology used to collect and store health information. The student will learn a variety of applications used to maintain and secure health care data. Prerequisites: HIM 1110, 1110L, 1800. (1 hr. lab)
Curriculum Action Rationale: Course updates to Learning Outcomes.

<u>Course No.</u>	<u>Course Title</u>	<u>Credits</u>	<u>Campus</u>	<u>Eff. Term</u>
HIM2253C	Current Procedural Terminology/CPT-4	2	4	2014-2

Course Description: This course provides an in-depth knowledge of coding and reporting using Current Procedural Terminology classification. Students will learn to read and interpret ambulatory health record documentation to classify and assign services and procedure codes, use encoder and grouper software, HCPCS, APCs, and RBRVS. Prerequisites: BSC 2085, 2085L and HIM 2472. (2 hr. lecture)
Curriculum Action Rationale: Course updates to Learning Outcomes.

<u>Course No.</u>	<u>Course Title</u>	<u>Credits</u>	<u>Campus</u>	<u>Eff. Term</u>
HIM2400C	Diversified Non-Hospital Health Records	2	4	2014-2

Course Description: This course emphasizes the importance of quality record-keeping practices, data flow, and management of health information systems in a non-acute care setting. The student will learn the documentation requirements based on Federal and State statutes, accreditation standards, Medicare Conditions of Participation, payment systems, funding, Health Insurance Portability Accountability Act, and the evolution of the electronic health record. Prerequisites: HIM 1110, 1110L, 1800. (2 hr. lecture)
Curriculum Action Rationale: Course updates to Learning Outcomes.

<u>Course No.</u>	<u>Course Title</u>	<u>Credits</u>	<u>Campus</u>	<u>Eff. Term</u>
HIM2472	Medical Terminology	3	4	2014-2

Course Description: This course provides an analysis of medical terms. Students will learn the basic roots, prefixes and suffixes necessary to have a working knowledge of the language of medicine. Prerequisite: Department permission. (3 hr. lecture)
Curriculum Action Rationale: Updates to course description (SLO FORMAT ONLY) and course competencies (Learning Outcomes inclusion).

<u>Course No.</u>	<u>Course Title</u>	<u>Credits</u>	<u>Campus</u>	<u>Eff. Term</u>
HIM2500	Data Management & Quality Assessment	2	4	2014-2
Course Description: This course examines the basic principles of quality assessment, quality improvement and utilization review. Students will learn about the accreditation process, risk management, managed care models, and the methodologies and relationships of these key areas within a health care facility. Prerequisites: HIM 1110, 1110L, 2211C. Corequisite: HIM 2500L. (2 hr. lecture)				
Curriculum Action Rationale: Updates to course description (SLO FORMAT ONLY) and course competencies (Learning Outcomes inclusion).				

<u>Course No.</u>	<u>Course Title</u>	<u>Credits</u>	<u>Campus</u>	<u>Eff. Term</u>
HIM2512C	Supervision & Organization for Health Information Technology	2	4	2014-2
Course Description: This course examines the basic principles of management and organizational life in a health information management department and the interrelationships within the healthcare organization. Students will learn about the supervisory role of the health information professional, including basic motivation and communication principles essential to the practice of health information management. Students will also learn how to identify and use specific motivational and communication techniques in health information supervision. Prerequisites: HIM 1800 (1 hr. lecture 2 hr. lab)				
Curriculum Action Rationale: Updates to course description (SLO FORMAT ONLY) and course competencies (Learning Outcomes inclusion).				

<u>Course No.</u>	<u>Course Title</u>	<u>Credits</u>	<u>Campus</u>	<u>Eff. Term</u>
HIM2810	Professional Practice Experience 2	2	4	2014-2
Course Description: This course is a supervised professional practice experience in a health care setting utilizing health records and reports to perform medical coding functions. Students will learn to assign Medicare Severity-Diagnosis Related Groups/Ambulatory Payment Classifications using the organization's information systems, encoder and grouper software. Students will also learn about the process for sequencing International Classification of Disease (ICD) and Current Procedural Terminology (CPT) coding systems. Prerequisite: HIM 2222, 2222L; corequisite: HIM 2234, 2234L. (6 hr. lecture)				
Curriculum Action Rationale: Course updates to Learning Outcomes.				

<u>Course No.</u>	<u>Course Title</u>	<u>Credits</u>	<u>Campus</u>	<u>Eff. Term</u>
HIM2820	Seminar and Professional Practice Experience 3	2	4	2014-2
Course Description: This course is designed to provide students with structured learning experiences necessary for them to enter the health information management field. Students will learn preparation skills for the national examination by analyzing major examination topics offered in the curriculum. A professional practice experience will be a component of this course. Prerequisite: HIM 2810; corequisites: HIM 2500, 2500L. (6 hr. lecture)				
Curriculum Action Rationale: Course updates to Learning Outcomes. No other changes requested.				

Summary

Health Information Management Program- Changes to Course Descriptions and Course Competencies

HIM 1000 Introduction to Health Information Management	Course description updated to reflect SLO format; revised competencies to reflect Learning Outcomes
HIM 1110 Health Information Management & Data Collection	Course description updated to reflect SLO format; revised competencies to reflect Learning Outcomes
HIM 1110L Health Information Management & Data Collection Laboratory	Course description updated to reflect SLO format; revised competencies to reflect Learning Outcomes
HIM 1800 Professional Practice Experience 1	Course description updated to reflect SLO format; revised competencies to reflect Learning Outcomes
HIM 2211C Health Information Technologies	Course description updated to reflect SLO format; revised competencies to reflect Learning Outcomes
HIM2253C Current Procedural Terminology Coding	Course description updated to reflect SLO format; revised competencies to reflect Learning Outcomes
HIM 2400C Division of Non-Hospital Health Records	Course description updated to reflect SLO format; revised competencies to reflect Learning Outcomes
HIM 2472 Medical Terminology	Course description updated to reflect SLO format; revised competencies to reflect Learning Outcomes
HIM 2500 Data Management & Quality Assessment	Course description updated to reflect SLO format; revised competencies to reflect Learning Outcomes
HIM 2512C Supervision & Organization for Health Information Management	Course description updated to reflect SLO format; revised competencies to reflect Learning Outcomes
HIM 2810 Professional Practice Experience 2	Course description updated to reflect SLO format; revised competencies to reflect Learning Outcomes
HIM 2820 Seminar and Professional Practice Experience 3	Course description updated to reflect SLO format; revised competencies to reflect Learning Outcomes

Summary

Health Information Management Program- Changes to Course Titles (from "Management" to "Technology.")

Course	Change
HIM 1000 Introduction to Health Information Management	Change course title to Introduction to Health Information Technology
HIM 1110 Health Information Management & Data Collection	Change course title to Health Information Technology & Data Collection
HIM 1110 L Health Information Management & Data Collection Laboratory	Change course title to Health Information Technology & Data Collection Laboratory
HIM 2512C Supervision & Organization for Health Information Management	Change course title to Supervision & Organization for Health Information Technology

6. Fire and Environmental Science

Program Deletion

Program Title: Environmental Science Technology – All Tracks
Option 27021 – Conservation Ecology
Option 27022 – Environmental Science
Option 27023 – Assessment/Safety Compliance
Option 27024 – Watershed Management
Option 27025 – HAZMAT Technology

Degree Type: Associate of Science (A.S.)

Effective Term: Fall 2014-1

Affected Campus (es): North, Wolfson, Kendall, Homestead, InterAmerican, Hialeah, MDC-West, Centers, all off campus sites, at Honors level and through Distance Education.

Curriculum Action Rationale: Due to industry trends, given the condition of the market and low enrollment, permission is being requested to delete the multiple tracks in the Environmental Science Technology degree.

Motion: **Approve deletion of A.S. in Environmental Science Technology including all track options and associated courses with the exception of EVR1001 – Introduction to Environmental Sciences as it is part of the A.A. 24 hr. elective block.**

Administrator (s): Jackie Peña/Mike McCann

Faculty:



Program Changes

1. **DELETE** the AS in Environmental Sciences including track options.
 - Option 27021 – Conservation Ecology
 - Option 27022 – Environmental Science
 - Option 27023 – Assessment/Safety Compliance
 - Option 27024 – Watershed Management
 - Option 27025 – HAZMAT Technology

2. The following courses will be **DELETED/REMOVED/END-TERMED** from odyssey:
 - EVR 1010 Environmental Compliance
 - EVR 1015 Hazardous Materials and the Environment
 - EVR 1030 Soil and Ground Water Monitoring
 - EVR 1190 Environmental Sampling Procedures
 - EVR 1262 Introduction to Ecology & Urban Industrial Pollutants
 - EVR 1633 Hazardous Materials Emergency Response 1
 - EVR 1640 Hazardous Materials Regulations 1
 - EVR 1802 Industrial Processes
 - EVR 1895 Environmental Pollutants
 - EVR 1930 Environmental Seminar
 - EVR 2613 Hazardous Materials Emergency Response 2
 - EVR 2625 Infectious and Nuclear Materials
 - EVR 2630 Hazardous Materials Risk Analysis
 - EVR 2647 Environmental Site Assessment
 - EVR 2680 Hazardous Materials Packing & Shipping
 - EVR 2805 Hazardous Materials Health Effects
 - EVR 2820 Hazardous Materials Corporate Program Development
 - EVR 2840 Hazardous Materials Emergency Response 3

3. The following EVR course will be **RETAINED** and is part of the A.A. 24 hr. Elective Block:
 - EVR 1001 Introduction to Environmental Sciences

4. **Note:** All courses not beginning with the EVR prefix are to be **RETAINED**. Those courses are part of the A.A. degree pathway.



**Environmental Science
Associate in Science**

(27021, 27022, 27023, 27024, 27025)
C.I.P. 1715059901

Total credits required for the degree is 64.

Course	Course Title	Credits	Pre-/Co-Requisites
General Education:			
Communications – 3 Credits Required			
ENC 1101	English Composition 1	3	
Oral Communication – 3 Credits Required			
SPC 1017	Fundamentals of Speech Communications	3	
Humanities – 3 Credits Required			
PHI 2604	Critical Thinking/Ethics	3	Pre-Req ENC 1101
Behavioral and Social Science – 3 Credits Required			
CLP 1006	Psychology of Personal Effectiveness	3	
Mathematics/Natural Science – 3 Credits Required			
MAC 1105	College Algebra	3	Pre-Req MAT 1033 or Appropriate Testing
Computer Competency			
	Computer Competency Test		
Or			
CGS 1060	Introduction to Microcomputer Usage	4	
MAJOR CORE REQUIREMENTS – 28 Credits Required			
<i>Must take 3.0 credits from the following group</i>			
ECO 2023	Principles of Economics (Micro)	3	
GEB 1011	Principles of Business	3	
MAN 2021	Principles of Management	3	
AND			
<i>Must take 25.0 credits from the following group</i>			
CGS 1060	Introduction to Microcomputer Usage	4	
CHM 1025	Introductory Chemistry	3	
CHM 1025L	Introductory Chemistry Lab	1	
ENC 1210	Technical Writing	3	
EVR 1001	Introduction to Environmental Sciences	3	(RETAIN, COURSE USED IN AA ELECTIVE BLOCK)
EVR 1190	Environmental Sampling Procedures	3	
EVR 1930	Environmental Seminar	1	
GLY 1010	Physical Geology	3	
GLY 1010L	Physical Geology Laboratory	1	
MAC 1114	Trigonometry	3	
PROGRAM CORE REQUIREMENTS			
Option 27021 – Conservation Ecology-21 Credits			
<i>Must take 3.0 credits from the following group.</i>			
BSC 2250	Natural History of South Florida	3	
EVR 1015	Hazardous Materials and the Environment	3	
EVR 1262	Introduction to Ecology & Urban Industrial Pollutants	3	
AND			
<i>Must take 18.0 credits from the following group.</i>			
BOT 1010	Botany	3	
BOT 1010L	Botany Laboratory	1	
EVR 1010	Environmental Compliance	3	
PCB 2033	Introduction to Ecology	3	
ZOO 1010	Zoology	3	
ZOO 1010L	Zoology Laboratory	1	

**DELETE PROGRAM
& OPTIONS**

(OVER)
Course Course Title Credits Pre-/Co-Requisites

Option 27022 – Environmental Science-21 Credits

Must take 18.0 credits from the following group.

EVR 1010	Environmental Compliance	3
EVR 1262	Introduction to Ecology & Urban Industrial Pollutants	3
EVR 2625	Infectious and Nuclear Materials	3
EVR 2630	Hazardous Materials Risk Analysis	3
EVR 2680	Hazardous Materials Packing & Shipping	3
EVR 2805	Hazardous Materials Health Effects	3

AND

Must take 3.0 credits from the following group.

EVR*		3
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Option 27023 – Assessment/Safety Compliance-21 Credits

Must take 3.0 credits from the following group.

EVR 1010	Environmental Compliance	3
EVR 1262	Introduction to Ecology & Urban Industrial Pollutants	3
EVR 1895	Environmental Pollutants	3
EVR 2625	Infectious and Nuclear Materials	3

AND

Must take 18.0 credits from the following group.

EVR 1633	Hazardous Materials Emergency Response 1	4
EVR 1640	Hazardous Materials Regulations 1	3
EVR 1802	Industrial Processes	4
EVR 1930	Environmental Seminar	3
EVR 2647	Environmental Site Assessment	3
EVR 2820	Hazardous Materials Corporate Program Development	3

Option 27024 – Watershed Management-21 Credits

Must take 3.0 credits from the following group.

BSC 2250	Natural History of South Florida	3
EVR 1262	Introduction to Ecology & Urban Industrial Pollutants	3

AND

Must take 18.0 credits from the following group.

EVR 1010	Environmental Compliance	3
EVR 1030	Soil and Ground Water Monitoring	3
EVR 2647	Environmental Site Assessment	3
PCB 2033	Introduction to Ecology	3

Option 27025 – HAZMAT Technology-21 Credits

CHM 2032	Survey of General Chemistry	3
CHM 2032L	Survey of General Chemistry Lab	1
EVR 1010	Environmental Compliance	3
EVR 1633	Hazardous Materials Emergency Response 1	4
EVR 2613	Hazardous Materials Emergency Response 2	4
EVR 2630	Hazardous Materials Risk Analysis	3
EVR 2840	Hazardous Materials Emergency Response 3	3

**DELETE PROGRAM
& OPTIONS**

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**DELETE PROGRAM
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(END OF PROGRAM SHEET)