

Miami Dade College
Office of the Associate Provost of Academic Affairs

October 16, 2015

MEMORANDUM

TO: Lenore Rodicio

FROM: Julie Alexander

All curriculum items included in this report were presented and discussed at the October 13, 2015, College CASSC meeting. Approval of curriculum items is for offering at all campuses and centers, all off campus sites, at Honors level and through Distance Education.

Curriculum Requiring Approval

1. **English Discipline**

• **Course Modification**

Effective Term: Spring (2015-2)
Affected Campus (es): North, Wolfson, Kendall, Homestead, InterAmerican, Hialeah, MDCWest, Centers, all off campus sites, at Honors level and through Distance Education.

Administrator (s): Nicholas Spezza/Josett Peat
Faculty:

- **Motion:** The English Language & Literature Discipline is requesting to modify course description to SLO format.

<u>Course No.</u>	<u>Course Title</u>
LIT2480	Issues in Literature and Culture

2. **Mathematics Discipline**

• **Add New Course**

Effective Term: Spring (2015-2)
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): Alicia Giovinazzo/Vincent Bates
Faculty:

- **Motion:** Request to add a new mathematics course to the list of math offerings.

<u>Course No.</u>	<u>Course Title</u>	<u>Credits</u>	<u>Pre-requisite</u>	<u>Fees</u>
MAC 1106	Integrated College & Precalculus Algebra	5	MAT1033	\$10.00

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3. School of Architecture

- **Add New College Credit Certificate**

Program: Building Construction Specialist
Degree Type: College Credit Certificate (C.C.C.)
Program Code: 66025
Program Credits: 18
Effective Term: Spring (2015-2)
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): Alicia Giovinazzo/John Adkins

Faculty:

- **Motion 1:** **Miami Dade College’s School of Architecture & Interior Design, is proposing to develop an 18 credit Florida Department of Education (FLDOE) existing C.C.C. in Building Construction Specialist.**
- **Motion 2:** **Modification to existing courses (Course Descriptions and Course Competencies)**

<u>Course</u>	<u>Title</u>	<u>Credits</u>	<u>Requisites</u>	<u>*Fees</u>
ARC 1126	Architectural Drawing 1	4		\$25.00
BCN 1272	Construction Plans Interpretation 1	3		\$10.00
BCN 1275	Construction Plans Interpretation 2	3	Pre-Req:BCN1272	\$10.00
BCT 1770	Building Construction Estimating Fundamentals	3	Pre-Req:BCN1272	\$10.00
BCT 1771	Building Construction Advanced Estimating	3	Pre-Req:BCN1275, BCT1770	\$10.00
ARC 1949	Co-Op Work Experience	2	Departmental Permission	\$25.00

**No changes in fees. Fees remain the same.*

4. School of Engineering and Technology

- **Existing Course Modification**

Effective Term: Spring (2015-2)
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): Nate Chapman/Diane King

Faculty:

- **Motion 1:** **The School of Engineering & Technologies is requesting to change course title and update course description to reflect course content.**

<u>Course No.</u>	<u>Course Title</u>
CGS1060C	Introduction to Computer Technology & Applications (New) Introduction to Microcomputer Usage (Current)

- **Motion 2:** **The School of Engineering & Technologies is requesting to: 1. Remove pre-requisite CGS1060C from CGS1540C, and 2. Update course description.**

Course No. **Course Title**
CGS1540C Database Concepts Design

- **Add New Course**
Effective Term: Fall (2015-1)
Affected Campus (es): North, Wolfson, Kendall, Homestead, InterAmerican, Hialeah, MDC-West, Centers, all off campus sites, at Honors level and through Distance Education.
- **Motion 3:** **The School of Engineering & Technologies is requesting to create a new course in partnership with Amazon Web Services as part of its academic beta initiative to meet the workforce demand for network administrators skilled in cloud computing architecture.**
- **Motion 4:** **Approve proposed new fee of \$63.00.**
Proposed Fee: **\$63.00**
Rationale/Justification: The enrollment projection is based on the average enrollment of students in similar courses across the School considering the college-wide trends – 24 students.

Course No. **Course Title**
CTS2375C Cloud Infrastructure and Services

5. **School of Business**

- **Add New College Credit Certificate**
Program: Business Entrepreneurship – Social Entrepreneurship
Degree Type: College Credit Certificate (C.C.C.)
Program Code: 65097
Program Credits: 12
Effective Term: Spring (2015-2)
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):** Thania Rios/Cynthia Conteh/Sarah Tuskey
Faculty:
- **Motion:** **The School of Business is requesting to modify the existing state Approved College Credit Certificate in Business Entrepreneurship, to add an additional group offering in Social Entrepreneurship utilizing existing courses.**

Business Entrepreneurship – Social Entrepreneurship
College Credit Certificate

65097
C.I.P. (0552070308)

Total credits required for the degree is 12

MAJOR CORE REQUIREMENTS (12 credits)

SBM 1000	Small Business Management	3	
GEB 2112	Introduction to Entrepreneurship	3	
ENT 2502	Starting and Growing a Social Venture	3	Pre-Req GEB 2112
ENT 2612	Creativity, Innovation, and Human Centered Design	3	

NOTE: Details for all informational and curriculum items requiring approval, are found on the next pages.

Detailed Agenda

3. Informational Item

Tiffani Malvin
 College-wide Director of Prior Learning Assessment

PRIOR LEARNING ASSESSMENT (PLA)

The mission of the Office of Prior Learning Assessment is to assist students and academic departments with translating life and professional knowledge into college credit.

Goals of the Office of PLA

- Establish credit for prior learning principles and guidelines
- Accelerate adult student progress toward a degree or credential
- Ensure academic quality for alternative credits

PLA is the evaluation and assessment of one's life learning and knowledge gained by on-the-job learning, employer and workforce training, military service, volunteer and community service, independent study, and other learning options.

FEATURES AND BENEFITS

Features

- Credit for experiential portfolio
- Credit-by-exam
- Credit for Military Training and Experience
- Credit for Corporate and Employer Training
- Credit for Workplace Experience
- Credit for Professional Licensure and/or Certification

Benefits

- Allow knowledge gained from experiences to count towards degree
- Reduce time and cost to earn degree or certificate
- Boost the likelihood of graduation
- Validate prior learning
- Motivate academic achievement

PRIOR LEARNING ASSESSMENT CAMPAIGN

PLA Campaign 2015-2016 commenced on September 14

Target Population:

- Workforce adults between the ages of 25 and above
- Military personnel

PRIOR LEARNING STUDENT INTAKE

Prospective students depending on what PLA option in which they are interested, will take the following steps to begin process of obtaining credit for prior learning experiences:

- Visit the PLA website: www.und.edu or email pladirector@und.edu or contact 305-237-3039
- Contact the PLA office or PLA Liaison at your campus
- Complete the PLA Intake form to get started (available on the PLA website) and for advisement on PLA options tailored to the individual.

There are 52 trained PLA liaisons who are campus-based that provide information to students and advise them on PLA options to include in their individualized academic plan. The PLA liaisons also refer students to the PLA office for additional assistance.

Currently, there are 38 faculty members, covering 13 academic disciplines, trained to review prior experiences (portfolios and military transcripts) for credit equivalencies. There are 25 experiential portfolio faculty evaluators.

PLA PORTFOLIO STUDENT EXPERIENCE

Introduction	Students must be enrolled as UIC
Portfolio Development	Plan degree pathway, discuss requirements, send to PLA Office
Prior Learning Experience Identification	Describe process, answer questions, and save the final process
Prior Learning Portfolio Review	Interpreting guidelines to PLA portfolio development
Portfolio Review	Detailed portfolio and complete portfolio approval/credit allocation
Prior Learning Assessment Office	Review process and send to registrar's office
Registrar's Office	Process for credit pending or acceptance



4. Approval of Minutes September 8, 2015

Curriculum Requiring Approval

5. English Discipline

- **Course Modification**

Effective Term: Spring (2015-2)

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): Nicholas Spezza/Josett Peat

Faculty:

- **Motion:** The English Language & Literature Discipline is requesting to modify course description to SLO format.

<u>Course No.</u>	<u>Course Title</u>	<u>Credits</u>	<u>Campus</u>	<u>Eff. Term</u>
LIT2480	Issues in Literature and Culture	3	1, 2, 3, 5, 6, 7/Ctrs.	2015-2
Course Description: Students will learn about literature as a socio-cultural response by writers to the world in which they live; they will connect literary texts to cultural issues through completion of oral and written assignments, critical analysis and practical investigation. Fulfills Gordon Rule writing requirement. Prerequisite: ENC1102. (3 hr. lecture).				
Curriculum Action Rationale: Updating description to SLO Format.				

6. Mathematics Discipline

- **Add New Course**

Effective Term: Spring (2015-2)
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): Alicia Giovinazzo/Vincent Bates

Faculty:

- **Motion 1: Request to add a new mathematics course to the list of math offerings.**

<u>Course No.</u>	<u>Course Title</u>	<u>Credits</u>	<u>Campus</u>	<u>Eff. Term</u>
MAC1106	Integrated College & Precalculus Algebra	5	1, 2, 3, 5, 6, 7/Ctrs.	2015-2
<p>Course Description: This course is intended for students preparing for STEM careers and will cover topics found in MAC1105 & MAC1140. Students will learn how to analyze linear, quadratic, polynomial, rational, radical, absolute value, composite, inverse, piecewise, exponential, and logarithmic functions; conic sections; systems of equations/inequalities; matrices/determinants; sequence & series; Binomial Theorem; applications of mathematical modeling such as optimization problems, and exponential growth/decay. Prerequisite: MAT1033. (5 hr. lecture).</p>				

Curriculum Action Rationale: Currently, the accelerated option for STEM majors is MAC1147. However, this option is viable (in the sense that the student has a reasonable chance of success) to students with very a strong background in algebra who place directly into it or who do exceedingly well in MAC1105. The path most STEM students take is MAC1105 – MAC1140 – MAC1114 – MAC2311. Therefore, an option which combines MAC1105 (algebra) with MAC1140 (pre-calculus algebra) will a) better prepare students for trigonometry and calculus by exposing them to more hours of algebra, b) accelerate their pathway to calculus by removing one course from the path, and c) remove one credit from the credit load. Not open to students who have taken MAC1105, MAC1140 or MAC1147.

- **Motion 2: Approve proposed new fee of \$10.00.**

Proposed Fee: \$10.00
Rationale/Justification: This is a new course. A projected class size in a typical academic year would be 40 students.

7. School of Architecture

- **Add New College Credit Certificate**

Program: Building Construction Specialist
Degree Type: College Credit Certificate (C.C.C.)
Program Code: 66025
Program Credits: 18
Effective Term: Spring (2015-2)
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): Alicia Giovinazzo/John Adkins

Faculty:

- **Motion 1:** Miami Dade College's School of Architecture & Interior Design, is proposing to develop an 18 credit Florida Department of Education (FLDOE) existing C.C.C. in Building Construction Specialist.

- **Motion 2:** Modification of course descriptions to the SLO format.

<u>Course No.</u>	<u>Course Title</u>	<u>Credits</u>	<u>Campus</u>	<u>Eff. Term</u>
ARC1126	Architectural Drawing 1	4	1, 2, 3, 5, 6, 7/Ctrs.	2015-2

Course Description: This course exercises the visualization and drafting of architectural objects and construction conditions. Students will learn to draw orthographic projections, isometric and sectional drawings as an expression of architectural communication. Topics include drawing of plans, elevations, details, schedules, and sections of wood frame and masonry structures. (2 hr. lecture 4 hr. lab)

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

Current Fee: \$25.00

<u>Course No.</u>	<u>Course Title</u>	<u>Credits</u>	<u>Campus</u>	<u>Eff. Term</u>
BCN1272	Construction Plans Interpretation 1	3	1, 2, 3, 5, 6, 7/Ctrs.	2015-2

Course Description: Develops the students' ability to interpret working drawings. Students will learn the conventions of graphic and symbolic language used by construction professionals to communicate information on drawings. Emphasis is on architectural and structural details with limited coverage on mechanical and electrical aspects. (3 hr. lecture)

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

Current Fee: \$10.00

<u>Course No.</u>	<u>Course Title</u>	<u>Credits</u>	<u>Campus</u>	<u>Eff. Term</u>
BCN1275	Construction Plans Interpretation 2	3	1, 2, 3, 5, 6, 7/Ctrs.	2015-2

Course Description: Plan interpretation of complex working drawings for multi-story residential and commercial buildings. Students will learn to read and understand construction working drawings, identifying structural systems and their details. Familiarity with all aspects of complex working drawings will be addressed. Prerequisite: BCN1272. (3 hr. lecture)

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

Current Fee: \$10.00

<u>Course No.</u>	<u>Course Title</u>	<u>Credits</u>	<u>Campus</u>	<u>Eff. Term</u>
BCT1770	Building Construction Estimating Fundamentals	3	1, 2, 3, 5, 6, 7/Ctrs.	2015-2

Course Description: An analysis and calculation of building construction costs. Students will learn the classification of materials, labor, and subcontracted work into the smallest manageable units. Students will develop a simple estimate for a residential structure. Laboratory fee. Prerequisite: BCN1272. (3 hr. lecture)

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

Current Fee: \$10.00

<u>Course No.</u>	<u>Course Title</u>	<u>Credits</u>	<u>Campus</u>	<u>Eff. Term</u>
BCT1771	Building Construction Advanced Estimating	3	1, 2, 3, 5, 6, 7/Ctrs.	2015-2

Course Description: Estimating more advanced elements of building construction. Students will learn to calculate direct, indirect, and overhead costs, as well as prepare bid proposals and related documents for commercial buildings. Laboratory fee. Prerequisite: BCN1275, BCT1770. (3 hr. lecture).

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

Current Fee: \$10.00

<u>Course No.</u>	<u>Course Title</u>	<u>Credits</u>	<u>Campus</u>	<u>Eff. Term</u>
ARC1949	Co-Op Work Experience 1	1-3 Var.	1, 2, 3, 5, 6, 7/Ctrs.	2015-2

Course Description: This course is designed to provide training in the students' field of study through work experience. Students will learn to make connections between their internship experiences, academic coursework, and career goals. Students are graded on the basis of documentation of learning and goal achievement as reported by both student and employer. Prerequisite: Departmental Permission.

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

Current Fee: \$25.00



**Building Construction Specialist
 College Credit Certificate**

C.I.P. (0615100103)

Total credits required for the degree is 18.00

The Building Construction Specialist college credit certificate prepares students for entry in the construction field through acquisition of a basic understanding of drawings and construction estimating through curriculum and practical experiences. Following successful completion, students can obtain employment assisting in construction offices or job sites.

<u>Course</u>	<u>Course Title</u>	<u>Credits</u>	<u>Pre-/Co-Requisites</u>
Program Requirements – 18 Credits Required			
ARC 1126C	Architectural Drawing 1	4	
BCN 1272	Building Construction Plans Interpretation 1	3	
BCN 1275	Building Construction Plans Interpretation 2	3	Pre-Req: BCN 1272
BCT 1770	Building Construction Estimating Fundamentals	3	Pre-Req: BCN 1272
BCT 1771	Building Construction Advanced Estimating	3	Pre-Req: BCN 1275, BCT 1770
ARC 1949	Co-Op Work Experience	2	Departmental Permission

8. School of Engineering and Technology

- **Existing Course Modification**

Effective Term: Spring (2015-2)

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): Nate Chapman/Diane King

Faculty:

- **Motion 1:** **The School of Engineering & Technologies is requesting to change course title and update course description to reflect course content.**

<u>Course No.</u>	<u>Course Title</u>	<u>Credits</u>	<u>Campus</u>	<u>Eff. Term</u>
CGS1060C	Introduction to Microcomputer Usage (Current)	4	1, 2, 3, 5, 6, 7/Ctrs.	2015-2
	Introduction to Computer Technology & Applications (New)			

Course Description: This course provides the skills required for personal, academic and professional success. Students will learn essential computer concepts, skills and how to utilize popular applications. The course satisfies the College's computer competency requirement. (3 hr. lecture 2 hr. lab)

Curriculum Action Rationale: 1. Change course title to reflect course content. 2. Update course description to reflect course content. 3. Update course competencies to reflect current technologies.

- **Motion 2:** **The School of Engineering & Technologies is requesting to: 1. Remove pre-requisite CGS1060C from CGS1540C, and 2. Update course description.**

<u>Course No.</u>	<u>Course Title</u>	<u>Credits</u>	<u>Campus</u>	<u>Eff. Term</u>
CGS1540C	Database Concepts Design	4	1, 2, 3, 5, 6, 7/Ctrs.	2015-2

Course Description: This course is designed for computer science majors and non-majors who require a fundamental knowledge of databases and database management systems. Students will learn how to design, implement and use databases to maintain and manipulate data. Students should have knowledge of basic computer concepts or seek faculty advisement. (3 hr. lecture 2 hr. lab)

Curriculum Action Rationale: 1. Remove pre-requisite CGS1060C from CGS1540C. Rationale: Discipline faculty concur that students can be successful in CGS1540C without a mandated prerequisite of CGS1060C. Eliminating the prerequisite will facilitate accelerated completion of a new college credit certificate in Business Intelligence (to be proposed in Fall 2015) which will require CGS1540C and enable students to complete the certificate in 2 semesters. Faculty vote held at discipline meeting was in favor of removing the prerequisite. 2. Course Description: add verbiage "Students should have knowledge of basic computer concepts or seek faculty advisement".

- **Add New Course**

Effective Term: Fall (2015-1)

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

- **Motion 3:** **The School of Engineering & Technologies is requesting to create a new course in partnership with Amazon Web Services as part of its academic beta initiative to meet the workforce demand for network administrators skilled in cloud computing architecture.**

• Motion 4: Approve proposed new fee of \$63.00.

Proposed Fee: \$63.00
Rationale/Justification: The enrollment projection is based on the average enrollment of students in similar courses across the School considering the college-wide trends – 24 students.

<u>Course No.</u>	<u>Course Title</u>	<u>Credits</u>	<u>Campus</u>	<u>Eff. Term</u>
CTS2375C	Cloud Infrastructure and Services	4	1, 2, 3, 5, 6, 7/Ctrs.	2015-1

Course Description: This course helps students develop technical expertise in cloud computing and prepares them for the AWS (Amazon Web Services) Solutions Architect - Associate certification exam. Students will learn the essentials of cloud computing, business security and compliance considerations, migrating to the cloud, architecting a cloud server, and how to troubleshoot cloud services. (3 hr. lecture 2 hr. lab)

Curriculum Action Rationale: The School of Engineering & Technologies is requesting to create a new course created in partnership with Amazon Web Services as part of its academic beta initiative to meet the workforce demand for network administrators skilled in cloud computing architecture.

Proposed Fee: \$63.00

Rationale/Justification: The enrollment projection is based on the average enrollment of students in similar courses across the School considering the college-wide trends – 24 students.

9. School of Business

- Add New College Credit Certificate**
 - Program:** Business Entrepreneurship – Social Entrepreneurship
 - Degree Type:** College Credit Certificate (C.C.C.)
 - Program Code:** 65097
 - Program Credits:** 12
 - Effective Term:** Spring (2015-2)
 - 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): Thania Rios/Cynthia Conteh/Sarah Tuskey
Faculty:

• Motion: The School of Business is requesting to modify the existing state-approved College Credit Certificate in Business Entrepreneurship, to add an additional group offering in Social Entrepreneurship utilizing existing courses.

Business Entrepreneurship – Social Entrepreneurship **65097**
College Credit Certificate **C.I.P. (0552070308)**

Total credits required for the degree is 12

MAJOR CORE REQUIREMENTS (12.00 credits)

SBM 1000	Small Business Management	3	
GEB 2112	Introduction to Entrepreneurship	3	
ENT 2502	Starting and Growing a Social Venture	3	Pre-Req <u>GEB 2112</u>
ENT 2612	Creativity, Innovation, and Human Centered Design	3	