

Miami Dade College
Office Associate Provost, Academic Affairs

June 14, 2013

MEMORANDUM

TO: Rolando Montoya

FROM: Lenore Rodicio

SUBJECT: APPROVAL OF CURRICULUM REPORT #100

Attached for your approval is the approved curriculum presented at the June 11, 2013 CASSC meeting. The information in Curriculum Report #100 includes the following items:

Curriculum Requiring Approval –

1. **School of Engineering and Technology**
 - **Propose New Baccalaureate Program –**
BS in Information Systems Technology
2. **School of Business**
 - **Propose New Baccalaureate Program –**
BAS in Supply Chain Management

Informational Items

3. **District Academic Programs**
Five-Year Delete (Attachment)
4. **Student Achievement Initiatives (SAI) Updates**
5. **Testing**
2013-2014 Testing Fees

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

Attachment

Miami Dade College
College-wide CASSC Meeting June 11, 2013
CURRICULUM REPORT #100

1. School of Engineering and Technology

- **Propose New Baccalaureate Program –**
BS in Information Systems Technology

Executive Summary

Program title: Information Systems Technology
Program Code: S5105/S9105
Degree Type: Bachelor of Science (BS)
Effective Term: Fall 2014-1
Affected Campuses: North, Kendall, Wolfson

EXECUTIVE SUMMARY

Institution: Miami Dade College
Degree Type: Bachelor of Science
Degree Title: Information Systems Technology

Miami Dade College (MDC) proposes a Bachelor of Science with a major in Information Systems Technology (BS-IST) degree program in order to provide students with the workforce driven, hands-on training required for employment in information systems technology support. The program of study provides students with the critical skills and knowledge required to direct and control computerized information resources within diverse organizational settings. The study of Information Systems Technology provides professionals with the expertise and knowledge to support the design, planning and management of information infrastructures, as well as coordinate information resources. The curriculum provides knowledge of the concepts upon which information systems are based and applies this understanding by analyzing applications to real-world problems and designing suitable solutions. The proposed BS-IST degree program addresses the need for information systems technology professionals with systems management and development expertise. Graduates of the program may qualify for positions as programmers, systems analysts, user support analysts and other Information Systems Technology positions, as well as continue their formal education by pursuing graduate degrees in the computer science or information technology fields.

The proposed BS-IST consists of 120 credits, including 36 credits of General Education courses. The program will be offered by Miami Dade College to serve students in Work Force Region 23 and primarily Miami-Dade County.

A. PLANNING PROCESS

A planning committee comprised of full-time faculty and administrators assessed the need for a workforce related BS-IST (Appendix [A, pg. 33](#)). The committee conducted industry and student surveys (Appendices [G, pg. 58](#), [H, pg. 68](#)), examined national, state, and local workforce data, analyzed the region's academic IST programs, reviewed existing Florida College System IST baccalaureate degrees, discussed the BS-IST with Workforce Region 23 state and private universities (Appendices [D, pg. 40](#), [E, pg. 45](#)); evaluated available MDC resources, facilities, and equipment ([Appendix N, pg. 88](#)); and elicited recommendations from external stakeholders, including local industry leaders and state and local government (Appendices [D, pg. 40](#), [F, pg. 57](#), [I, pg. 76](#)). Based on the findings, MDC faculty developed and recommended the proposed program approved by the Board of Trustees (Appendices [J, pg. 80](#), [K, pg. 83](#), [L, pg. 84](#)). To date, MDC has received 18 letters of support from local industry leaders, workforce development agencies and economic development councils ([Appendix P, pg. 92](#)).

Local public and private institutions were notified in writing about Miami Dade College's intention to propose the degree ([Appendix D, pg. 40](#)). In-person meetings were conducted with Florida International University (FIU) and Barry University to discuss the proposed MDC BS-IST ([Appendix C, pg. 38](#)). FIU had no formal comment, and Barry University was receptive and looked forward for MDC graduates to enroll in their Master's level IT program. University of Miami (UM), Florida Memorial University (FMU), and St. Thomas University (STU) were notified but did not respond to requests for meetings.

FAU (Region 22) submitted a Letter of Objection and MDC responded on May 21, 2014 (Appendix [C, pg. 38](#)).

B. PROGRAM IMPLEMENTATION TIMELINE

The assessment of need and demand was conducted from February through December 2012 (Appendices [C, pg. 38](#), [G, pg. 58](#)). Curriculum development activities occurred between September 2012 and March 2013. SACS accreditation activity will likely occur between January and April 2014, with recruitment of additional faculty and staff occurring from April through July 2014 and subsequently April through July 2015, 2016, and 2017. Systems, facilities and resource upgrades to include the renovation of faculty offices and IT equipment upgrades will take place from July 2015 through August 2016. Development of marketing and recruitment strategies will begin in April 2014 and continue for the duration of the program, to include advisement and tutoring services. Upper division coursework is to begin in August 2014. ABET accreditations activities will commence January 2016 through August 2017. Reference Table 1: Timeline, page 13.

C. WORKFORCE DEMAND/UNMET NEED

Guidelines for Demand and Supply

The geographic region to be served is Workforce Region 23 Miami-Dade and Monroe Counties. As of 2012, there were 38,820 individuals employed in information systems technology professions and 1,157 average annual openings¹. In Workforce Region 23, Florida International University (FIU) reported 194 student completions in 2011-2012; 132 from CIP code 11.0103 (Track 2) – Information Technology which is a similar discipline area, but a different degree track option and 62 in Computer Science and Support programs.² There are no nonpublic institutions offering CIP code 11.01036, Track 4, and consequently no recent graduates in that CIP. There are programs in other information technology tracks and/or computer science and support disciplines. Based upon the College Navigator results, completions in Information Technology and/or Computer Science programs from local private institutions in 2011-2012 are reported at 97: Barry University 64³, University of Miami (UM) 20⁴, St. Thomas University (STU) 5 and Florida Memorial University (FMU) 8⁵.

With average annual openings of 1,157 and the number of recent graduates (N=291), the gap in the locally educated workforce is 866 and therefore the number of graduates does not meet the projected workforce demand/need.

D. FACILITIES AND EQUIPMENT

The proposed program will take full advantage of current facilities available throughout MDC. There are 24 technology equipped classrooms and a total of 1,412 technology workstations available across MDC's three major campuses (Wolfson, Kendall, and North). Minor renovations will be made in July 2015 through August 2016 (\$13,000) for offices for the two new faculty members and part-time staff who will be hired.

¹ Florida Department of Economic Opportunity: Employment Projections on the Internet at <http://www.floridajobs.org/labor-market-information/data-center/statistical-programs/employment-projections> (visited May 17, 2013)

² Institute of Education Sciences National Center for Education Statistics – College Navigator on the Internet at <http://nces.ed.gov/collegenavigator/?s=FL> (visited May 17, 2013)

³ Ibid

⁴ Ibid

⁵ ibid

E. LIBRARY/MEDIA

Currently, the database resources at MDC are adequate to support the proposed courses. Existing faculty personnel will be able to support the discipline with material selection and instructional needs. A budget of \$41,625 is being allotted to cover the costs of supplementing the library's electronic book holdings and maintain subscriptions to electronic technology databases. No cost is included for library renovations since the electronic/digital resources will be "housed" virtually and be available college-wide (Appendix [N, pg. 88](#)).

F. ACADEMIC RESOURCES

There are currently 29 full-time technology faculty members throughout the campuses; 10% (3) with terminal degrees. MDC also has 105 technology part time faculty; 3% (3) with terminal degrees. MDC will hire two full-time doctorally-prepared faculty members by August 2016 and two part-time faculty (1 FTE) by August 2015.

G. COST TO STUDENTS

The proposed MDC BS-IST provides students an affordable educational opportunity designed to lead to high-wage employment in technology careers. The student tuition for 4 years of study for the proposed BS-IST is estimated at \$13,886.526 compared to \$24,199.20 to \$207,900.00 at State University System (SUS) and private institutions in Region 23 (see Table 4).

H. ACADEMIC CONTENT

To address workforce demands and unmet need, students will receive both theoretical knowledge and hands-on skills in high demand areas of information systems technology, including systems analysis, programming, network and systems management/administration, database management/administration, user support, and cyber security. In addition to the core curriculum, students will have the option of specializing in either Networking or in Application Development. The curriculum, which was developed by an interdisciplinary team of EnTec technology faculty, emphasizes hands-on, practical skills acquisition combined with appropriate theory, and culminates in a real-world capstone project.

I. ENROLLMENT, PERFORMANCE AND BUDGET PLAN

The proposed program builds on the existing MDC departmental infrastructure for information systems technology. The projected expenditure for academic years 2014 through 2018 averages \$258,182 (Appendix [N, pg. 88](#)). Enrollment projections are based on 30 students (16 FTEs) beginning in August 2014, and increasing to 210 students (112 FTEs) by 2017-2018. Revenue from student fees and other sources is projected to be \$1,032,731 for the 4-year start-up period. It is projected that the program will be self-sustaining by the 2016-2017 academic year.

J. PLAN OF ACTION IF PROGRAM MUST BE TERMINATED

As mandated by the State Board of Education, Miami Dade College will demonstrate diligence to individual needs in the event of program termination and will enact an approved degree completion plan to enable eligible students to complete the appropriate BS-IST degree program coursework following the termination decision (Appendix [O, pg. 89](#)) to include transition services, "teach-out" options, and options for students to complete with other area institutions.

⁶ Miami Dade College website <http://www.mdc.edu/main/academics/tuition.aspx>

SUMMARY

Based on the documentation of workforce need, unmet demand, service to a diverse student population, program design, and cost of attendance, the MDC faculty, administration, and Board of Trustees unanimously approved the Bachelor of Science with a major in Information Systems Technology with an implementation date of fall 2014.

Add New Courses –

<u>Course No.</u>	<u>Course Title</u>	<u>Credits</u>	<u>Campus</u>	<u>Eff. Term</u>
CGS3763	Operating Systems Principles	4	1, 2, 3	2014-1

Course Description: This upper division course, for students majoring in Information Systems Technology, introduces fundamental operating system topics and includes both computer system and operating system structure. Students will learn how processes, threads, concurrent programming, interrupt handling, CPU scheduling and process synchronization, and I/O system memory management affect the system structure. Additionally, students will learn how virtual memory, deadlocks, file system, and command interpreter relate to client/server systems. (3 hr. lecture 2 hr. lab) Pre-requisites: COP1334

Curriculum Action Rationale: New course for the new Bachelor of Science in Information Systems Technology (BS-IST) degree program.

Proposed Fees: \$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>
CIS3360	Principles of Information Security	4	1, 2, 3	2014-1

Course Description: This upper division course, for students majoring in Information Systems Technology, provides an overview of information systems security principles, practices, methods, and tools for organizational and institutional computing. Students will learn about the relationship between policy and security, the mechanisms used to implement policies, and the methodologies and technologies for assurance and vulnerability analysis and intrusion detection. Students will be required to perform security analyses, and set up protection schemes. (3 hr. lecture 2 hr. lab) Pre-requisites: CTS1134, and CTS1650

Curriculum Action Rationale: New course for the new Bachelor of Science in Information Systems Technology (BS-IST) degree program.

Proposed Fees: \$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>
CIS3510	Information Technology Project Management	4	1, 2, 3	2014-1

Course Description: This upper division course, for students majoring in Information Systems Technology, covers the general aspects of project management and emphasizes the important special considerations which apply to information technology projects. Students will learn the principles, processes and practices of information technology project management, including techniques for planning, organizing, scheduling, and controlling software projects with a substantial focus on cost estimation and risk management. (3 hr. lecture 2 hr. lab)

Curriculum Action Rationale: New course for the new Bachelor of Science in Information Systems Technology (BS-IST) degree program.

Proposed Fees: \$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>
CIS4617	Knowledge Management	4	1, 2, 3	2014-1

Course Description: This upper division course, for students majoring in Information Systems Technology, explores how an enterprise gathers, organizes, shares, and analyzes its knowledge in terms of resources, documents, and people skills. Students will learn how to gather, organize, refine and disseminate information needed in a small business or corporation using technical applications to house and mine the data. (3 hr. lecture 2 hr. lab) Pre-requisites: COP4723

Curriculum Action Rationale: New course for the new Bachelor of Science in Information Systems Technology (BS-IST) degree program.

Proposed Fees: \$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>
CIS4891	Capstone Project	4	1, 2, 3	2014-1

Course Description: This upper division course, for students majoring in Information Systems Technology, requires students to demonstrate their competence to analyze, design, develop, and test an information system in a team environment. Students will learn how to create and present an information technology (IT) solution proposal that includes: design documentation, implementation plan, and project test plan to create an operational information system. Must be taken during the last semester before graduation. Prerequisite: departmental approval required. (3 hr. lecture 2 hr. lab) Pre-requisites:

Curriculum Action Rationale: New course for the new Bachelor of Science in Information Systems Technology (BS-IST) degree program.

Proposed Fees: \$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>
CNT4603	System Administration and Maintenance	4	1, 2, 3	2014-1

Course Description: This upper division course, for students majoring in Information Systems Technology, explores UNIX and Microsoft Windows systems and their administration and maintenance within the network setting. Students will learn how to install, maintain, and extend multi-user computer systems and how to develop administrative policies and procedures. Students will also learn how to apply troubleshooting and problem solving skills to resolve user and system issues. (3 hr. lecture 2 hr. lab) Pre-requisites: CTS1134, or CTS1650.

Curriculum Action Rationale: New course for the new Bachelor of Science in Information Systems Technology (BS-IST) degree program.

Proposed Fees: \$63.00

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

APPROVE _____ OPPOSE _____ MORE INFORMATION _____

<u>Course No.</u>	<u>Course Title</u>	<u>Credits</u>	<u>Campus</u>	<u>Eff. Term</u>
CNT4704	Network Design and Planning	4	1, 2, 3	2014-1

Course Description: This upper division course, for students majoring in Information Systems Technology, presents network design using layering. Students will learn how to apply cabling, topology, and architecture to design systems. Students will also learn how design impacts network performance and control issues such as congestion control, error control, and contention resolution. Prerequisite: CIS 3360. (3 hr. lecture 2 hr. lab)

Curriculum Action Rationale: New course for the new Bachelor of Science in Information Systems Technology (BS-IST) degree program.

Proposed Fees: \$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>
COP4656	Mobile Applications Development	4	1, 2, 3	2014-1

Course Description: This upper division course, for students majoring in Information Systems Technology, covers project-oriented development of applications for mobile computing devices. Students will learn how to develop mobile applications utilizing memory management, user interface design, user interface building, input methods, data handling, network techniques, URL loading, and GPS and motion sensing. Students will develop a project that produces a professional-quality deployable mobile application. Prerequisites: COP2800 and COP 4723. (3 hr. lecture 2 hr. lab)

Curriculum Action Rationale: New course for the new Bachelor of Science in Information Systems Technology (BS-IST) degree program.

Proposed Fees: \$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>
COP4723	Database Administration	4	1, 2, 3	2014-1

Course Description: This upper division course, for students majoring in Information Systems Technology, builds a deeper understanding of how databases work, including topics in database theory and architecture, data modeling, query languages, and security. Students will learn the fundamentals of SQL, including how to create and maintain database objects, and how to store, retrieve, and manipulate data, and the basics of managing the database environment. (3 hr. lecture 2 hr. lab) Pre-requisites: CGS1540.

Curriculum Action Rationale: New course for the new Bachelor of Science in Information Systems Technology (BS-IST) degree program.

Proposed Fees: \$63.00

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

APPROVE _____ OPPOSE _____ MORE INFORMATION _____

<u>Course No.</u>	<u>Course Title</u>	<u>Credits</u>	<u>Campus</u>	<u>Eff. Term</u>
COP4834	Data Driven Web Applications (Web Administration)	4	1, 2, 3	2014-1

Course Description: This upper division course, for students majoring in Information Systems Technology, utilizes modern three-tier application development to build web-based applications that use relational database systems. Students will learn how to integrate client-side and server-side scripts and database server to build a transaction processing and report generating data-driven web application system. Prerequisites: COP 1334 and COP 4723. (3 hr. lecture 2 hr. lab)

Curriculum Action Rationale: New course for the new Bachelor of Science in Information Systems Technology (BS-IST) degree program.

Proposed Fees: \$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>
CTS4XXX	Information Storage Management	4	1, 2, 3	2014-1

Course Description: This upper division course, for students majoring in Information Systems Technology, introduces challenges and solutions for data storage and data management. Students will learn how to manage advanced storage systems, protocols, and architectures, including storage area networks (SAN), network attached storage (NAS), fiber channel networks, internet protocol SANS(IPSAN), ISCSI, and content-addressable storage (CAS). (3 hr. lecture 2 hr. lab) Prerequisites: CGS1540.

Curriculum Action Rationale: New course for the new Bachelor of Science in Information Systems Technology (BS-IST) degree program.

Proposed Fees: \$63.00

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

APPROVE _____ OPPOSE _____ MORE INFORMATION _____

Total credits required for the degree is 120

The Bachelor of Science (BS) in Information Systems Technology (IST) degree program immerses students in information systems technology and provides skills and knowledge essential to effectively support the design, planning and management of information infrastructures and information resources within diverse organizational settings in all aspects of our increasingly digital culture and economy. The curriculum introduces concepts upon which information systems are founded and analyzes them as suitable solutions to real-world problems. The BS in IST degree program addresses the need for information systems technology professionals with systems management and development expertise.

State Mandated General Education – 15 Credits Required (Pending Approved Selection by STATE & Subject to Change)
Communications – 3 Credits Required

ENC 1101	English Composition 1	3	Appropriate College Placement
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Humanities – 3 Credits Required

ARH 1000	Art Appreciation	3	
HUM 1020	Introduction to Humanities	3	
LIT 2100	Introduction to World Literature	3	
MUL 1010	Music Appreciation	3	
PHI 2010	Introduction to Philosophy	3	Pre-Req ENC 1101
THE 2000	Theatre Appreciation	3	

Behavioral and Social Science – 3 Credits Required

ANT 1000	Introduction to Anthropology	3	
CPO 2001	Comparative Politics	3	
ECO 2013	Principles of Economics (Macro)	3	
PSY 2012	Introduction to Psychology	3	
SYG 2000	Introduction to Sociology	3	
WOH 2040	20 th Century World History	3	

Natural Science – 3 Credits Required

AST 1002	Descriptive Astronomy	3	
BSC 1005	General Biology	3	
CHM 1020	Chemistry for Liberal Arts	3	
ESC 1000	Introduction to Earth Science	3	
EVR 1001	Introduction to Environmental Science	3	
PHY 1020	Fundamentals of Physics	3	

Mathematics – 3 Credits Required

MAC 1105	College Algebra [CPC]	3	Pre-Req MAT 1033
MGF 1106	Mathematics for Liberal Arts 1	3	Pre-Req MAT 1033
MGF 1107	Mathematics for Liberal Arts 2	3	Pre-Req MAT 1033
STA 2023	Statistical Methods	3	Pre-Req MAT 1033

Institutional General Education – 21 Credits Required (Pending Approved Selection by MDC)
Communications – 3 Credits Required

ENC 1102	English Composition 2	3	Pre-Req ENC 1101
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Oral Communications – 3 Credits Required

ENC 2300	Advanced Composition & Communication	3	Pre-Req ENC 1101, 1102
LIT 2480	Issues in Literature & Culture	3	Pre-Req ENC 1102
SPC 1017	Fundamentals of Speech Communications [CPC]	3	

Humanities – 3 Credits Required

ARC 2701	History of Architecture 1	3	
ARC 2702	History of Architecture 2	3	
ARH 2050	Art History 1	3	
ARH 2051	Art History 2	3	Pre-Req ARH 2050
ARH 2740	Cinema Appreciation	3	Pre-Req HUM 1020
DAN 2100	Dance Appreciation	3	
DAN 2130	Dance History 1	3	
IND 1100	History of Interiors 1	3	
IND 1130	History of Interiors 2	3	
LIT 2120	A Survey of World Literature 2	3	Pre-Req ENC 1101, 1102

MUH 2111	Survey of Music History 1	3	
MUH 2112	Survey of Music History 2	3	Pre-Req MUH 2111
MUL 2380	Jazz & Popular Music in America	3	
PHI 2604	Critical Thinking/Ethics	3	Pre-Req ENC 1102
Behavioral and Social Science – 3 Credits Required			
ECO 2013	Principles of Economics (Macro) [CPC]	3	
Natural Science – 3 Credits Required			
BOT 1010	Botany	3	Pre/Co-Req BOT 1010L
BSC 1030	Social Issues in Biology	3	
BSC 1050	Biology & Environment	3	
BSC 1084	Functional Human Anatomy	3	BSC 1084 (Optional Laboratory)
BSC 2010	Principles of Biology 1	3	Pre/Co-Req BSC 2010L, CHM 1045
BSC 2020	Human Biology: Fundamental of Anatomy & Physiology	3	BSC 2020L (Optional Laboratory)
BSC 2085	Human Anatomy & Physiology 1	3	Pre/Co-Req BSC 2085L
BSC 2250	Natural History of South Florida	3	
CHM*		3	
GLY*		3	
HUN 1201	Essentials of Nutrition	3	HUN 1201L (Optional Laboratory)
MET*		3	
OCB 1010	Introduction to Marine Biology	3	OCB 1010L (Optional Laboratory)
OCE*		3	
PCB 2033	Introduction to Ecology	3	
PCB 2340C	Field Biology	3	
PHY*		3	
PSC 1121	General Education Physical Science	3	Pre-Req MAT 1033
PSC 1515	Energy in the Natural Environment	3	
ZOO 1010	Zoology	3	Co-Req ZOO 1010L
Mathematics – 3 Credits Required			
STA 2023	Statistical Methods [CPC]	3	Pre-Req MAT 1033
General Education Elective – 3 Credits Required			
See Advisor for Approved Selection			
3			
<u>Computer Competency Requirement (STATE REQUIREMENT)</u>			
Computer Competency Test (CCT)			
Or			
CGS 1060	Introduction to Microcomputer Usage		+Credits count towards the Program Elective
<u>Foreign Language Competency Requirement (STATE REQUIREMENT)</u>			
Foreign Language Competency (FLC)			
Or			
CHI*, FRE*, FRW*, GER*, HBR*, ITA*, JPN*, SPN*			+Credits count towards the Program Elective
<u>LOWER DIVISION/COMMON PREREQUISITE REQUIREMENTS – 24 Credits Required</u>			
Group A – 16 credits required			
CGS 1060	Introduction to Microcomputer Usage	4	
CGS 1540	Database Concepts Design [CPC]	4	Pre CGS 1060
COP 1334	Introduction to C++ Programming [CPC]	4	Pre/Co CGS 1060
CTS 1134	Networking Technologies [CPC]	4	
Or			
CTS 1650	Networking Fundamentals [CPC]	4	
ECO 2013	Principles of Economics (Macro) [CPC]	GE	
MAC 1105	College Algebra [CPC]	GE	Pre-Req MAT 1033
STA 2023	Statistical Methods [CPC]	GE	Pre-Req MAT 1033
Group B – 8 Credit Required			
CHI*, FRE*, FRW*, GER*, HBR*, ITA*, JPN*, POR*, SPN*		8	(or may be met by FLC)
CAP*, CEN*, CGS*, CIS*, CNT*, COP*, CTS*		4	
COP 2800	JAVA Programming	4	Pre-Req COP 1334
CTS 1650	Networking Fundamentals	4	
CTS 1651	Routing Protocols and Concepts	4	Pre-Req CTS 1650
CTS 2652	LAN Switching and Wireless Networking	4	Pre-Req CTS 1650
CTS 2653	Accessing the WAN	4	Pre-Req CTS 2652

UPPER DIVISION REQUIREMENTS – 36 Credits Required

Professional Core – 28 Credits Required

CGS 3763	Operating System Principles	4	Pre COP 1334
CIS 3360	Principles of Information Security	4	Pre CTS 1134 or CTS 1650
CIS 3510	IT Project Management	4	Pre None
CIS 4617	Knowledge Management	4	Pre COP 4723
CIS 4891	Capstone Project	4	Senior Statuses Required
COP 4723	Database Administration	4	Pre CGS1540
CTS 4xxx	Information Storage Management	4	Pre CGS 1540

Discipline Content Core – 8 Credits Required

Students must complete **one** of the following two Discipline Specific Content Areas: Networking or Application Development.

Option 1: Networking (8 Credits)

CNT 4603	System Administration and Maintenance	4	Pre CTS 1134 or CTS 1650
CNT 4704	Network Design and Planning	4	Pre CIS 3360

OR

Option 2: Application Development (8 Credits) †

COP 4656	Mobile Application Development	4	Pre COP 2800 and COP 4723
COP 4834	Data-Driven Web Applications	4	Pre COP 1334 and COP 4723

PROGRAM ELECTIVES – 24 Credits Required

Students are strongly encouraged to take additional lower and upper division technology electives with the course pre-fixes listed below or with assistance from an information sciences advisor:

CAP*, CEN*, CGS*, CIS*, CNT*, COP*, CTS*, CTS 1650, CTS 1651, CTS 2652, CTS 2653			
CHI*, FRE*, FRW*, GER*, HBR*, ITA*, JPN*, POR*, SPN*	8		(or may be met by FLC)

†Students majoring in Application Development Discipline Area must take the following course:

COP 2800	Java Programming	4	Pre COP 1334
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TOTAL CREDITS

General Education Requirements	36 cr.
Lower Division/Common Prerequisite Requirements	24 cr.
Upper Division Requirements	36 cr.
Electives	24 cr.
Total	120 cr.

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.**

Foreign Language: Students admitted to the baccalaureate degree program without meeting the foreign language admission requirement of at least 2 courses (8-10 credit hours) of sequential foreign language at the secondary level or the equivalent of such instruction at the postsecondary level must earn such credits prior to graduation.

Additional Information:

Students entering with an AS or AAS degree may have more than 24 elective credits and may need additional General Education credits to meet the 36 General Education credits required for the baccalaureate degree. Students entering with an AA degree may need additional electives to provide appropriate background for the baccalaureate program.

A minimum cumulative grade point average of 2.0 is required for graduation, and all upper division requirements must be passed with the grade "C" or better.

To satisfy the residency requirement for graduation, students must earn at Miami Dade College a minimum of 25% of the credits applicable toward the program of study for which graduation is sought. Additionally baccalaureate degree students must earn at Miami Dade College a minimum of 50 % of the credits in upper division course work ([TMOP 1100:825212](#)).

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.

2. School of Business

- Propose New Baccalaureate Program –
BAS in Supply Chain Management

Program title: Supply Chain Management
Program Code: P5205/P9205
Degree Type: Bachelor of Applied Science (BAS)
Effective Term: Fall 2014-1
Affected Campuses: North, Kendall, Wolfson, Homestead, InterAmerican, Hialeah, West, Wolfson

EXECUTIVE SUMMARY

Institution: Miami Dade College School of Business
Degree Type: Bachelor of Applied Science
Degree Title: Supply Chain Management

INTRODUCTION

Miami Dade College (MDC) School of Business proposes a Bachelor of Applied Science with a major in Supply Chain Management (BAS-SCM). This proposed degree program serves a critical need in preparing students to enter the workforce of this dynamic and growing industry. The proposed BAS-SCM consists of 120 credit hours, including 36 credits of General Education, and will be offered by MDC to serve students in Workforce Region 23 and primarily Miami-Dade County.

The proposed BAS-SCM program is designed to prepare students to immediately enter the workforce with the occupational titles of Aircraft Cargo Handling Supervisors, Business Operations Specialists, Logisticians, General and Operations Managers, Purchasing Managers, Operations Research Analysts, Management Analysts, and Transportation, Storage, and Distribution Managers. According to Workforce One, a leader in employment solutions in the state of Florida, the economic impact that this industry has on the market place is exponential as indicated in a Workforce One Spotlight which referenced a July 2009 Florida Chamber of Commerce study on the Trade and Logistics industry:

“...the Trade and Logistics industry indicates a potential of 143,000 jobs, \$21.5 billion in business sales, \$7.9 billion in personal income and \$723 million in tax revenues over the next 10 years in Florida. The study illustrates that this outcome would transform Florida’s economy, adding world class strengths in trade, logistics and advanced manufacturing to the state’s traditional focus in agriculture, tourism, and construction.”¹

In May 2012, the Beacon Council (Miami-Dade County's official economic development partnership), in support of the One Community One Goal² project, also identified Trade and Logistics as one of seven targeted industries for exponential economic growth in Miami-Dade County and identified a critical void of trained professionals in Miami-Dade County for this field.

A. PLANNING PROCESS

The College began exploring the development of a baccalaureate degree in January 2012 and a planning committee comprised of interdisciplinary administrators worked with MDC faculty and local industry members to assess the need for a workforce in the field of supply chain management and logistics (**Appendices A-B, Pg. 33-34**). The committee conducted student and industry surveys (**Appendices C-D, Pg. 43,47**); examined national, state, and local workforce data; analyzed the region’s academic logistics and supply chain management programs; reviewed existing Florida College System supply chain management baccalaureate degrees; discussed the proposed BAS-SCM with Workforce Region 23 state and private universities (**Appendix E, Pg. 51**); evaluated available MDC resources, facilities, and equipment; and elicited recommendations from external stakeholders, including local industry leaders and state and local government (**Appendices D,F, & I, Pg. 47, 52, & 68**). Based on the findings, the proposed program was approved by the Board of Trustees and submitted to the Florida Department of Education (**Appendix K, Pg. 88**). To date, MDC has received 14 letters of support from local industry leaders, workforce development agencies and economic development councils and other stakeholders, including Barry University (**Appendix J-12, Pg. 84**).

¹ <http://www.wf1broward.com/Employers/IndustrySpotlightGlobalLogisticsAndTrade.htm> (visited May 30, 2012)

² <http://www.beaconcouncil.com/webdocs/Foundation/targetindustrystrategiesreport.pdf> (visited May 30, 2012)

MDC administrators corresponded with Barry University, St. Thomas University, University of Miami, Florida International University, and Florida Memorial University, which resulted in verbal support from the University of Miami and St. Thomas University and a written letter of support from Barry University. Additionally, these institutions expressed interest in collaborating by welcoming MDC graduates into applicable master's degree programs at their institutions. Florida Memorial University was supportive of the program but did not see an area for collaboration at the time of the meeting. Florida International University was neutral (*Appendix E, Pg. 51*). However, Florida Atlantic University (FAU) submitted a letter of objection May 10, 2013. Miami Dade College sent a written response to address the concerns (*Appendix K, Pg. 88*).

B. PROGRAM IMPLEMENTATION TIMELINE

The BAS-SCM curriculum was developed with the guidance from the business and industry partners and full time faculty. During spring of 2014 (2013-2), recruitment efforts, training of advisors and student support systems will take place, and the hiring of full-time and part-time faculty will commence. The proposed program will begin in August 2014.

C. WORKFORCE DEMAND/UNMET NEED SPECIFIC TO PROGRAM AREAS

Using the Florida Department of Economic Opportunity Labor Market Statistics (January 2013³), the projected number of jobs in the supply chain management field is 160,312 by the year 2020 in Workforce Region 23, Miami-Dade and Monroe Counties. Included in this number are positions in Transportation, Storage, and Distribution Management; Purchasing Management; General and Operations Management; Logisticians; Management Analysts; Business Operations Specialists; and Operations Research Analysts. Of the 160,312 jobs in Workforce Region 23, 4,839 are attributed to growth.

One of Miami-Dade County's most recognized assets is its location to trading partners and its recognized role as a conduit for the development of multi-national trade between the United States and Latin America, the Caribbean, and Europe. This long-standing position as an international trade center promotes growth in the job opportunities for a wide variety of workers from logisticians and transportation systems managers to warehouse operators, importers, and exporters.

The proposed MDC BAS-SCM degree program (CIP Code 52.0203) and related CIP Code 52.0409⁴ are not offered by any SUS or non-public institution in Region 23. Consequently, there are no graduates to meet Region 23 workforce demands and MDC will be instrumental in providing trained graduates to fill the employment gap of 4,839⁵ job openings projected for 2012-2020.

D. FACILITIES AND EQUIPMENT

Equipment requirements will include: furniture for flexible grouping, state-of-the-art technology, simulation software or platform, and teaching materials. Initially, this will be done at Kendall Campus and will need to be expanded and modified as the program grows to include additional campuses. The Capital Outlay (Information Technology Equipment and Other Equipment) for implementation would be \$105,000 for the first year, \$70,000 for the second year, and \$32,573 for the third year, and 22,500 for the fourth year. These funds will support required technologies and equipment and will outfit our existing (classroom) facilities on Kendall Campus.

³ [Florida Department of Economic Opportunity, Labor Market Statistics Center - January 2013](#)

⁴ <http://nces.ed.gov/ipeds/> (visited November 19, 2012)

⁵ State of Florida Agency for Workforce Innovation Employment Projections Statistics for Workforce Area 23 Miami-Dade and Monroe Counties

E. LIBRARY/MEDIA

In order to serve students who enter this program, MDC's School of Business needs to expand its library holdings to include more resources including books, journals, and videos, on such topics as: supply chain risk management, operations, logistics, economics, regulatory issues, change management, forecasting, resource allocation, production planning, inventory management, total quality management, project management, customer delivery, after-sales support and service. To meet this need, a total of \$129,450 of resources is budgeted for 2014-2018 to expand the existing library holdings.

F. ACADEMIC RESOURCES

To ensure that the full-time to part-time instructional ratio is within institutional policy, MDC expects to hire one full-time doctorally-prepared faculty member during the second academic year 2015-2016 and one additional doctorally-prepared full-time faculty during 2016-2017 academic year. The cost of one full-time faculty member plus benefits is approximately \$61,373. In addition to the two full-time faculty, it is proposed that two part-time faculty (1 FTE) will be hired in 2014-2015, four part-time faculty (2 FTE) will be hired in 2016-2017, and by year 2017-2018 we anticipate operating the core program with two full-time faculty and three part-time faculty (1.5 FTE).

G. COST TO STUDENTS

The student cost of the four-year program is projected to be \$13,991.55 (special fees not included).

H. ACADEMIC CONTENT AND CURRICULUM

MDC is requesting the development of a Track 2 option for CIP 52.0203 to accommodate the proposed common prerequisite option. The proposed BAS-SCM requires students to complete an Associate of Arts (AA) degree or an Associate in Science (AS) degree in Transportation and Logistics or a business related field from a regionally accredited college or university or 60 credit hours from a regionally accredited institution with a cumulative GPA of 2.5 or above and with a minimum of 15 General Education transferable college credit hours. Students will also be required to complete 23 credit hours of lower division prerequisites before being allowed to begin the upper division program content.

The proposed BAS-SCM (CIP Code 52.0203) is a 120-credit hour degree program. The upper division program will be designed in a full-time cohort format and a schedule for part-time students (6-9 credit hours per semester) will also be available in addition to on-line course options (**Note:** 26.64% (n=57) students surveyed, indicated interest in on-line/blended courses (**Appendix C, Question 12, Pg. 97**).

I. ENROLLMENT, PERFORMANCE AND BUDGET PLAN

The program is expected to enroll full-time and part-time cohorts. In 2014-2015 the program will enroll a total of 40 students generating 720 credit hours. During 2015-2016, 70 students (full-time and two part-time cohorts, allowing for 25% attrition) will generate 1,260 credit hours, in 2016-2017, 140 students are expected to generate 2,520 credit hours, and in 2017-2018, 200 students are expected to generate 3,600 credit hours (**Appendix L, Pg. 97**). The first graduating class of 24 students is projected for spring 2015 (includes 25% attrition).

The projected budget plan (**Appendix L, Pg. 97**) indicates total funds available for 2014-2015 of \$274,176; increasing to \$510,069 by 2017-2018 and it is projected that the BAS-SCM will be self-supporting by Year 3 (2016-2017).

J. PLAN OF ACTION IF PROGRAM MUST BE TERMINATED

As mandated by the State Board of Education, Miami Dade College will demonstrate diligence to individual needs in the event of program termination and will enact an approved degree completion plan to enable eligible students to complete the appropriate BAS-SCM degree program coursework following the termination decision (**Appendix N, Pg. 99**). The BAS-SCM program will accept no new students and will provide transition services, including a transition educational plan outlining coursework and program options for completion and will ensure that the program will remain open and provide “teach-out” options available in both the traditional classroom setting as well as online through MDC Virtual College to allow eligible students to complete graduation requirements within two academic years. In addition, the MDC School of Business will work to create transition plans for students who may elect to transfer to MDC’s existing Bachelor of Applied Science in Supervision and Management program or work closely with other upper-division, higher education providers to transition students seamlessly to similar programs. The plan will be comprised of courses based on an individual student review, with extensive and personalized transfer and advising assistance. Using the MDC student/staff email service and direct mailings, individuals will be contacted and offered assistance with the termination process options.

Add New Courses –

<u>Course No.</u>	<u>Course Title</u>	<u>Credits</u>	<u>Campus</u>	<u>Eff. Term</u>
BUL4461	Law of International Trade	3	1,2,3,5,6,7,8	2014-1

Course Description: Students will learn to interpret laws of international trade, licensing, and customers' regulation. This course also addresses U.S. customs regulations, classification of merchandise, application of tariff rules, duty free treatment, importing and exporting, liquidation inspection, search and seizure, and fines and penalties. In addition, the course will review the general rules and how to interpret the harmonized tariff schedule. (3 hr. lecture) Pre-requisites: MAN2021, GEB3358.

Curriculum Action Rationale: New course being developed for the BAS-SCM.

<u>Course No.</u>	<u>Course Title</u>	<u>Credits</u>	<u>Campus</u>	<u>Eff. Term</u>
FIN3403	Financial Management	3	1,2,3,5,6,7,8	2014-1

Course Description: Students will learn the sources and uses of funds as they relate to financial decision making in the corporate form of enterprise. Emphasis is placed on working capital management, capital budgeting techniques, short and long term financing, and capital structure and the value of the firm. This course emphasizes the use of formulas and spreadsheets through Excel. (3 hr. lecture) Pre-requisites: ACG2071, and ACG2071L, and CGS1060, and QMB2100L,

Curriculum Action Rationale: New course being developed for the BAS-SCM.

<u>Course No.</u>	<u>Course Title</u>	<u>Credits</u>	<u>Campus</u>	<u>Eff. Term</u>
GEB3358	International Negotiations & Transactions	3	1,2,3,5,6,7,8	2014-1

Course Description: This course presents business negotiations in selected regions of the world. Students will learn the skills of negotiation by analyzing international business cases and developing solutions to situations. Topics include overseas market research using both domestic and international sources and the application of theoretical and practical business knowledge to foreign situations and trade negotiations. The importance of culture, language, and values in international negotiations is emphasized. (3 hr. lecture) Pre-requisites: MAN2021.

Curriculum Action Rationale: New course being developed for the BAS-SCM.

<u>Course No.</u>	<u>Course Title</u>	<u>Credits</u>	<u>Campus</u>	<u>Eff. Term</u>
GEB4363	Import Export Management	3	1,2,3,5,6,7,8	2014-1

Course Description: Students will learn the functions and range of traffic management services performed by freight forwarders, including changes in governmental restrictions, rules, and regulations applicable to different countries, ports, and trade routes. Students will also learn the documentation needed to facilitate and coordinate the movement of goods in international trade and supply chain management systems. (3 hr. lecture) Pre-requisites: MAN2021, TRA2010.

Curriculum Action Rationale: New course being developed for the BAS-SCM.

APPROVE _____ **OPPOSE** _____ **MORE INFORMATION** _____

<u>Course No.</u>	<u>Course Title</u>	<u>Credits</u>	<u>Campus</u>	<u>Eff. Term</u>
MAN3505	Production Operations and Logistics Management	3	1,2,3,5,6,7,8	2014-1

Course Description: This course examines the integration of production operations and logistics management and how they enable an organization to compete successfully in business. Students will learn the relationships that exist between operations and the supply chain, including operations and supply chain strategies, business processes, project management, product design and development, and inventory management. This course uses case study methodology. (3 hr. lecture) Pre-requisites: MAN2021.

Curriculum Action Rationale: New course being developed for the BAS-SCM.

<u>Course No.</u>	<u>Course Title</u>	<u>Credits</u>	<u>Campus</u>	<u>Eff. Term</u>
MAN3506	Operations Management	3	1,2,3,5,6,7,8	2014-1

Course Description: The course emphasizes the application of operational decision-making techniques to improve process, productivity, and the effective utilization of resources within organizations. Students will learn to recognize the trade-offs associated with operations management decisions and their effect on resource allocation. Topics include production processes, operations strategies, quantitative techniques, quality, performance, capacity planning, efficiency, forecasting, resource management, statistical process control, project management, and supply chains. (3 hr. lecture) Pre-requisites: MAN2021, and QMB2100L.

Curriculum Action Rationale: New course being developed for the BAS-SCM.

<u>Course No.</u>	<u>Course Title</u>	<u>Credits</u>	<u>Campus</u>	<u>Eff. Term</u>
MAN3583	Project Management	3	1,2,3,5,6,7,8	2014-1

Course Description: Students will learn project management concepts and theory, including attributes for a project life cycle, global project management, benefits of project management, project management environments, planning and managing risk, project planning controls, and terminating a project. (3 hr. lecture) Pre-requisites: MAN2021.

Curriculum Action Rationale: New course being developed for the BAS-SCM.

<u>Course No.</u>	<u>Course Title</u>	<u>Credits</u>	<u>Campus</u>	<u>Eff. Term</u>
MAN3786	Sustainable Enterprise Planning	3	1,2,3,5,6,7,8	2014-1

Course Description: Students will learn the assessment tools, design and construction considerations, and operating planning requirements for sustainable enterprises. Students will also learn the ecological and economic benefits of sustainability practices, including construction, operations, supply chain decisions, recycling, reusing, and reconditioning to preserve the environment by increasing revenues. Best practices, case studies, evolving trends and experimental efforts are also covered. (3 hr. lecture) Pre-requisites: MAN2021.

Curriculum Action Rationale: New course being developed for the BAS-SCM.

APPROVE _____ OPPOSE _____ MORE INFORMATION _____

<u>Course No.</u>	<u>Course Title</u>	<u>Credits</u>	<u>Campus</u>	<u>Eff. Term</u>
MAN3XXX	Safety and Risk Management	1	1,2,3,5,6,7,8	2014-1

Course Description: This course will focus on safety and risk management with emphasis on how it applies to supply chain management. Students will learn the processes used to characterize and manage risk, as well as maintain a safe operating environment with the protection of personnel, assets, and services. Hazard characteristics of products, appropriate modes of transport, carrier selection and qualifications, packaging and container specifications, driver training requirements, financial issues, security precautions, warehousing risk, OSHA, hazardous materials handling, and customer assessment will be addressed in this course. (1 hr. lecture)

Curriculum Action Rationale: New course being developed for the BAS-SCM.

<u>Course No.</u>	<u>Course Title</u>	<u>Credits</u>	<u>Campus</u>	<u>Eff. Term</u>
MAN4520	Quality Management	3	1,2,3,5,6,7,8	2014-1

Course Description: This course provides an understanding of various theories of quality management (QM). Students will learn how organizations can develop excellence through the adoption of continuous improvement and process management. The course analyzes and uses various process management techniques, continuous improvement tools, and strategies to improve quality. The conceptual and analytical skills acquired in this course enable students to provide leadership in shaping a culture for quality within an organization and determining the effectiveness of quality initiatives such as Total QM, Six Sigma, Process Capability, Process Control, and Customer Relationships. (3 hr. lecture) Pre-requisites: MAN2021.

Curriculum Action Rationale: New course being developed for the BAS-SCM.

<u>Course No.</u>	<u>Course Title</u>	<u>Credits</u>	<u>Campus</u>	<u>Eff. Term</u>
MAN4523	Production Information Systems	3	1,2,3,5,6,7,8	2014-1

Course Description: This course presents the fundamental aspects of computer technology required by the systems that provide data to, and derive information from, production in manufacturing. Students will learn the techniques to organize, store, manipulate data, report, derive and analyze production information, basics networking used in production, as well as various forms of information systems. (3 hr. lecture) Pre-requisites: CGS1060, and MAN2021.

Curriculum Action Rationale: New course being developed for the BAS-SCM.

<u>Course No.</u>	<u>Course Title</u>	<u>Credits</u>	<u>Campus</u>	<u>Eff. Term</u>
MAN4597	Global Supply Chain Management	3	1,2,3,5,6,7,8	2014-1

Course Description: This course presents an overview of the management of sourcing, operations, and distribution processes along a supply chain in domestic and international markets. Students will learn how firms gain a competitive advantage through supply chain activities. Topics include: supply chain network design, purchasing, forecasting, inventory management, globalization and outsourcing, logistics, and information technology. (3 hr. lecture) Pre-requisites: MAN2021, MAN3506.

Curriculum Action Rationale: New course being developed for the BAS-SCM.

APPROVE _____ OPPOSE _____ MORE INFORMATION _____

<u>Course No.</u>	<u>Course Title</u>	<u>Credits</u>	<u>Campus</u>	<u>Eff. Term</u>
MAN4XXX	Field Study and Research	2	1,2,3,5,6,7,8	2014-1

Course Description: Students will learn to apply information and skills studied in core and concentration program courses through various special projects, field research, or internships designed for cogitative learning in a student-centered manner which requires the command, analysis, and synthesis of knowledge and skills. (2 hr. lecture) Pre-requisites: MAN2021.

Curriculum Action Rationale: New course being developed for the BAS-SCM.

<u>Course No.</u>	<u>Course Title</u>	<u>Credits</u>	<u>Campus</u>	<u>Eff. Term</u>
MAN4YYY	Supply Chain Management Theory & Methodology	2	1,2,3,5,6,7,8	2014-1

Course Description: This course presents a range of advanced topics in integrated logistics and supply chain management. Students will learn new theoretical and methodological developments in the field of supply chain. Specific topics vary depending upon current industry developments and will incorporate the use of speakers in the classroom. (2 hr. lecture) Pre-requisites: MAN2021, MAN3583, MAN4523.

Curriculum Action Rationale: New course being developed for the BAS-SCM.

<u>Course No.</u>	<u>Course Title</u>	<u>Credits</u>	<u>Campus</u>	<u>Eff. Term</u>
MAR4203	Supply Chain Marketing	3	1,2,3,5,6,7,8	2014-1

Course Description: Students will learn the management of traditional and emerging marketing channels, with emphasis on legal, economic, and ethical considerations in wholesale and retail inventory control, raw goods, finished product transportation and relationship management. (3 hr. lecture) Pre-requisites: MAN2021, MAN3506.

Curriculum Action Rationale: New course being developed for the BAS-SCM.

<u>Course No.</u>	<u>Course Title</u>	<u>Credits</u>	<u>Campus</u>	<u>Eff. Term</u>
TRA3XXX	Purchasing and Inventory Management	3	1,2,3,5,6,7,8	2014-1

Course Description: This course provides a comprehensive introduction to the purchasing/procurement and supply chain management field. Students will learn purchasing and supply chain issues in a variety of settings, from process industries to high tech manufacturing and services as well as public institutions. Emphasis is on the purchasing process as it relates to such topics as inventory control procedures, price/cost analysis, laws and ethics, negotiations, vendor selection and the development of vendor relationships. (3 hr. lecture) Pre-requisites: MAN2021.

Curriculum Action Rationale: New course being developed for the BAS-SCM.

<u>Course No.</u>	<u>Course Title</u>	<u>Credits</u>	<u>Campus</u>	<u>Eff. Term</u>
TRA3YYY	Transportation and Traffic Management	3	1,2,3,5,6,7,8	2014-1

Course Description: This course covers developments leading to national and federal regulations, division of territories, official descriptions, etc. Students will learn the scope of authority of territorial associations, factors controlling traffic flows, basic governing classification rules, principals of freight rates and tariffs, and elements of rate making. (3 hr. lecture) Pre-requisites: MAN2021.

Curriculum Action Rationale: New course being developed for the BAS-SCM.

APPROVE _____ OPPOSE _____ MORE INFORMATION _____

<u>Course No.</u>	<u>Course Title</u>	<u>Credits</u>	<u>Campus</u>	<u>Eff. Term</u>
TRA4234	Warehouse Management	3	1,2,3,5,6,7,8	2014-1

Course Description: Students will learn warehousing functions, facility operations, and operational productivity improvements and measurements with the inclusion of concepts from marketing, finance, statistics, operations management, and human resources. The course presents an integrated business approach to the detailed operational aspects of logistics facilities such as warehouse and distribution centers. The course will use real-world warehouse data to design the layout and operations requirements for a local warehousing facility and to identify the operational equipment used in warehousing. (3 hr. lecture) Pre-requisites: MAN2021, and MAN3065, and QMB2100, and QMB2100L.

Curriculum Action Rationale: New course being developed for the BAS-SCM.

APPROVE_____ **OPPOSE**_____ **MORE INFORMATION**_____



**Bachelor Of Applied Science
Supply Chain Management (P5205/P9205)**

C.I.P. (52.0203 or 52.0209)

Total credits required for the degree is 120

Supply chain management is an interdisciplinary field that emphasizes cross-functional integration of diverse business functions, facilities, and activities and seeks to manage those activities to enhance a company's competitive advantage. The Bachelor of Applied Science with a major in Supply Chain Management (BAS-SCM) is designed to provide knowledge of the supply chain while exploring the risks, operations, logistics, economics, regulatory issues, change management, forecasting, resource allocation, production planning, inventory management, customer delivery, after-sales support and service and other functions basic to business.

STATE MANDATED GENERAL EDUCATION – 15 CREDITS REQUIRED (Pending Approved Selection by STATE)

Communications – 3 Credits Required

ENC 1101	English Composition 1	3	Pre-Req Approved Placement Scores
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Humanities – 3 Credits Required

ARH 1000	Art Appreciation	3
HUM 1020	Humanities	3
LIT 2100	Introduction to World Literature	3
MUL 1010	Music Appreciation	3
PHI 2010	Introduction to Philosophy	3
THE 2000	Theatre Appreciation	3

Behavioral and Social Science – 3 Credits Required

ANT 2000	Introduction to Anthropology	3
CPO 2001	Comparative Politics	3
ECO 2013	Principles of Economics (Macro) [CPC]	3
PSY 2012	Introduction to Psychology	3
SYG 2000	Introduction to Sociology	3
WOH 2040	20 th Century World History	3

Natural Science – 3 Credits Required

AST 1002	Descriptive Astronomy	3	
BSC 1005	General Education Biology	3	BSC 1005L (Optional Laboratory)
CHM 1020	General Education Chemistry	3	CHM 1020L (Optional Laboratory)
PHY 1020	Fundamentals of Physics	3	
ESC 1000	Introduction to Earth Science	3	
EVR 1001	Introduction to Environmental Science	3	

Mathematics – 3 Credits Required

MAC 1105	College Algebra	3	Pre-Req MAT 1033
MGF 1106	Mathematics for Liberal Arts 1	3	Pre-Req MAT 1033
MGF 1107	Mathematics for Liberal Arts 2	3	Pre-Req MAT 1033
STA 2023	Statistical Methods	3	Pre-Req MAT 1033

INSTITUTIONAL GENERAL EDUCATION – 21 CREDITS REQUIRED (Pending Approved Selection by MDC)

Communications – 3 Credits Required

ENC 1102	English Composition 2	3	Pre-Req ENC 1101
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Oral Communications – 3 Credits Required

ENC 2300	Advanced Composition & Communication	3	Pre-Req ENC 1101, 1102
LIT 2480	Issues in Literature & Culture	3	Pre-Req ENC 1102
SPC 1017	Fundamentals of Speech Communications	3	

Humanities – 3 Credits Required

ARC 2701	History of Architecture 1	3	
ARC 2702	History of Architecture 2	3	
ARH 2050	Art History 1	3	
ARH 2051	Art History 2	3	Pre-Req ARH 2050
ARH 2740	Cinema Appreciation	3	Pre-Req HUM 1020
DAN 2100	Dance Appreciation	3	
DAN 2130	Dance History 1	3	
IND 1100	History of Interiors 1	3	
IND 1130	History of Interiors 2	3	

LIT 2120	A Survey of World Literature 2	3	Pre-Req ENC 1101, 1102
MUH 2111	Survey of Music History 1	3	
MUH 2112	Survey of Music History 2	3	Pre-Req MUH 2111
MUL 2380	Jazz & Popular Music in America	3	
PHI 2604	Critical Thinking/Ethics	3	Pre-Req ENC 1102

Behavioral and Social Science – 3 Credits Required

AMH 2010	History of the US to 1877	3	
AMH 2020	History of the US since 1877	3	
CLP 1006	Psychology of Personal Effectiveness	3	
DEP 2000	Human Growth and Development	3	
ISS 1120	The Social Environment	3	
ISS 1161	The Individual in Society	3	
POS 2041	American Federal Government	3	
WOH 2012	History of World Civilization to 1789	3	
WOH 2022	History of World Civilization from 1789	3	

Natural Science – 3 Credits Required

BOT 1010	Botany	3	Pre/Co-Req BOT 1010L
BSC 1030	Social Issues in Biology	3	
BSC 1050	Biology & Environment	3	
BSC 1084	Functional Human Anatomy	3	BSC 1084 (Optional Laboratory)
BSC 2010	Principles of Biology 1	3	Pre/Co-Req BSC 2010L, CHM 1045
BSC 2020	Human Biology: Fundamental of Anatomy & Physiology	3	BSC 2020L (Optional Laboratory)
BSC 2085	Human Anatomy & Physiology 1	3	Pre/Co-Req BSC 2085L
BSC 2250	Natural History of South Florida	3	
CHM*		3	
GLY*		3	
HUN 1201	Essentials of Nutrition	3	HUN 1201L (Optional Laboratory)
MET*		3	
OCB 1010	Introduction to Marine Biology	3	OCB 1010L (Optional Laboratory)
OCE*		3	
PCB 2033	Introduction to Ecology	3	
PCB 2340C	Field Biology	3	
PHY*		3	
PSC 1121	General Education Physical Science	3	Pre-Req MAT 1033
PSC 1515	Energy in the Natural Environment	3	
ZOO 1010	Zoology	3	Co-Req ZOO 1010L

Mathematics – 3 Credits Required

QMB 2100	Basic Business Statistics	3	Co-Req QMB 2100L
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General Education Elective – 3 Credits Required

ECO 2023	Principles of Economics (Micro) [CPC]	3	
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Computer Competency Requirement (STATE REQUIREMENT)

Computer Competency Test (CCT)			
Or			
CGS 1060	Introduction to Microcomputer Usage		*Credits count towards the Program Elective

Foreign Language Competency Requirement (STATE REQUIREMENT)

Foreign Language Competency (FLC)			
Or			
CHI*, FRE*, FRW*, GER*, HBR*, ITA*, JPN*, SPN*			*Credits count towards the Program Elective

LOWER DIVISION/Common Prerequisite Requirements – 24 Credits Required

GROUP A – 17 Credits

ACG 2021	Financial Accounting [CPC]	3	Co-Req ACG 2021L
ACG 2021L	Financial Accounting Lab [CPC]	1	Co-Req ACG 2021
ACG 2071	Managerial Accounting [CPC]	3	Pre-Req ACG 2001, 2011 or 2021;
			Co-Req ACG 2071L
ACG 2071L	Managerial Accounting Lab [CPC]	1	Pre-Req ACG 2021, 2021L;
			Co-Req ACG 2071
ECO 2013	Principles of Economics (Macro) [CPC]	GE	
ECO 2023	Principles of Economics (Micro) [CPC]	GE	
MAN 2021	Principles of Management [CPC]	3	
TRA 1154	Intro to Supply Chain Management [CPC]	3	
TRA 2010	Intro to Logistics and Transportation [CPC]	3	

GROUP B – 7 Credits

CGS 1060	Introduction to Microcomputer Usage	4	(or may be met by CCT)
CHI*, FRE*, FRW*, GER*, HBR*, ITA*, JPN*, POR*, SPN*		8	(or may be met by FLC)
ACG*, BUL*, FIN*, GEB*, MAN*, MAR*, STA*, TRA*		9	
MAC 2233	Business Calculus	3	Pre-Req MAC 1105
QMB 2100L	Basic Business Statistics Lab	1	Co-Req QMB 2100

UPPER DIVISION REQUIREMENTS – 36 Credits Required**Professional Core – 15 Credits Required**

FIN 3403	Managerial Finance	3	Pre-Req ACG 2071/L, QMB 2100/L
GEB 3358	International Negotiations and Transactions	3	Pre-Req MAN 2021 & TRA 1154
MAN 3506	Operations Management	3	Pre-Req MAN 2021 & QMB 2100/L;
			Co-Req TRA 3XXX
MAN 3583	Project Management	3	Pre-Req MAN 2021
MAN 4523	Production Information Systems	3	Pre-Req CGS 1060, MAN 2021

Discipline Content Core – 21 Credits Required

BUL 4461	Law of International Trade	3	Pre-Req MAN 2021 & GEB 3358
MAN 3XXX	Safety and Risk Management	1	
MAN 3505	Production Operations and Logistics Management	3	Pre-Req MAN 2021 & TRA 1154
MAN 4XXX	Field Study and Research	2	Pre-Req MAN 2021, 3583,
			TRA 1154
MAN 4597	Global Supply Chain Management	3	Pre-Req MAN 2021, 3506
MAR 4203	Supply Chain Marketing	3	Pre-Req MAN 2021, 3506,
			TRA 1154
TRA 3XXX	Purchasing and Inventory Management	3	Pre-Req MAN 2021, TRA 1154
TRA 4234	Warehouse Management	3	Pre-Req MAN 2021, 3506,
			QMB 2100/L

ELECTIVES – 24 CREDITS REQUIRED**GROUP A - UPPER DIVISION ELECTIVES – 9 CREDITS REQUIRED**

GEB 4363	Import/Export Management	3	Pre-Req MAN 2021 & TRA 2010
MAN 3786	Sustainable Enterprise Planning	3	Pre-Req MAN 2021
MAN 4YYY	Supply Chain Management Theory & Methodology	2	Pre-Req MAN 2021, 3583, 4523
MAN 4520	Quality Management	3	Pre-Req MAN 2021
TRA 3YYY	Transportation & Traffic Management	3	Pre-Req MAN 2021 & TRA 1154

GROUP B - ELECTIVES – 15 CREDITS REQUIRED

CGS 1060	Introduction to Microcomputer Usage	4	(or may be met by CCT)
CHI*, FRE*, FRW*, GER*, HBR*, ITA*, JPN*, POR*, SPN*		8	(or may be met by FLC)
ACG*, BUL*, FIN*, GEB*, MAN*, MAR*, STA*, TRA*		9	
MAC 2233	Business Calculus	3	Pre-Req MAC 1105
QMB 2100L	Basic Business Statistics Lab	1	Co-Req QMB 2100

TOTAL CREDITS

General Education Requirements	36 cr.
Lower Division/Common Prerequisite Requirements	24 cr.
Upper Division Requirements	36 cr.
Electives	24 cr.
Total	120 cr.

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**.

Foreign Language: Students admitted to the baccalaureate degree program without meeting the foreign language admission requirement of at least 2 courses (8-10 credit hours) of sequential foreign language at the secondary level or the equivalent of such instruction at the postsecondary level must earn such credits prior to graduation.

Additional Information:

Students entering with an AS degree may have more than 24 elective credits and may need additional General Education credits to meet the 36 General Education credits required for the baccalaureate degree. Students entering with an AA degree may need additional electives to provide appropriate background for the baccalaureate program.

A minimum cumulative grade point average of 2.5 is required for graduation.

To satisfy the residency requirement for graduation, students must earn at Miami Dade College a minimum of 25% of the credits applicable toward the program of study for which graduation is sought. Additionally baccalaureate degree students must earn at Miami Dade College a minimum of 50 % of the credits in upper division course work ([TMOP 1100:825212](#)).

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. Informational Item (s)
District Academic Programs –
Five-Year Delete

Miami Dade College
Five Year Delete List
Hialeah Campus

Last Term Offered	Course ID	Course Title	Effective Term	Credit Type	Course Status	Used In Program	Program Effective Term	Program Title	Delete (Y/N)	Comment(s)
1993	GER2220	INTERMED GERMAN 1	20101	1	ACTIVE				N	
20001	GER2221	INTERMED GERMAN 2	20101	1	ACTIVE				N	
20061	HAI2340	HAITIAN KRL/NAT SPK1	20051	1	ACTIVE				N	
20071	HAI2341	HAITIAN KRL/NAT SPK2	20051	1	ACTIVE	24050	20052	TRANSLATION AND INTERPRETATION	N	
						64050	20081	TRANSLATION STUDIES: COLLEGE C		
						64051	20081	INTERPRETATION STUDIES: COLLEG		
20063	HAT2802	CONTRSTVE ANLYS H/CR	20101	1	ACTIVE	24050	20052	TRANSLATION AND INTERPRETATION	N	
						64050	20081	TRANSLATION STUDIES: COLLEGE C		
						64051	20081	INTERPRETATION STUDIES: COLLEG		
20071	HCW2020	SEL READINGS H/C LIT	20052	1	ACTIVE	24050	20052	TRANSLATION AND INTERPRETATION	N	
20053	ITA1000	ELEM ITALIAN CONVER	19863	1	ACTIVE				N	
20061	JPN1120	ELEM JAPANESE 1	19913	1	ACTIVE				N	
20052	JPN1121	ELEM JAPANESE 2	19913	1	ACTIVE				N	
19932	JPN2220	INTERMED JAPANESE	20101	1	ACTIVE				N	
20061	JPN2221	INTERMED JAPANESE 2	20101	1	ACTIVE				N	
20053	SPN1170	SPAIN TRAVEL STUDY	19832	1	ACTIVE				N	

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**Miami Dade College
Five Year Delete List
Homestead Campus**

Last Term Offered	Course ID	Course Title	Effective Term	Credit Type	Course Status	Used In Program	Program Effective Term	Program Title	Delete (Y/N)	Comment(s)
20061	ATF2501L	FLIGHT-INSTRUCTR LAB	19962	2	ACTIVE	C6027	19962	CERTIFIED FLIGHT INSTRUCTOR	N	Program Deletion

Pending Program Deletion

**Miami Dade College
Five Year Delete List
InterAmerican Campus**

Last Term Offered	Course ID	Course Title	Effective Term	Credit Type	Course Status	Used In Program	Program Effective Term	Program Title	Delete (Y/N)	Comment(s)
20073	AML2602	AFRO-AMERICAN LIT 2	19942	1	ACTIVE				Y	Deleted 2013-1
20071	ANT2511	INTRO PHYS ANTHROP	19781	1	ACTIVE				Y	Deleted 2013-1
20073	EDF3111	HUMAN DEV & LEARNING	20042	1	ACTIVE				Y	Deleted 2013-1
20073	EDG3410	CLASSRM MGT&COM K-12	20031	1	ACTIVE				Y	Deleted 2013-1
20073	EEX3012	NAT&NEEDS EXCPT STU	20091	1	ACTIVE				Y	Deleted 2013-1
20072	HUS1111	INTERPERSONAL SKILLS	20111	2	ACTIVE				Y	Deleted 2013-1
20073	HUS1551	MULTICULTURE PRESPEC	20111	2	ACTIVE				Y	Deleted 2013-1
20072	INP2390	PSYCHOLOGY OF WORK	19831	1	ACTIVE				Y	Deleted 2013-1
20072	LAH2022	LATIN AMER REPUBLICS	19803	1	ACTIVE				Y	Deleted 2013-1
20081	MAE3320	INTER MID SCH MATH P	20042	1	ACTIVE				Y	Deleted 2013-1
20073	MAE4793	APP RESRCH TEACH MAT	20091	1	ACTIVE				Y	Deleted 2013-1
20073	PSY1949	CO-OP WRK EXP 1: PSY	19923	1	ACTIVE				Y	Deleted 2013-1
20072	RED3352	REA IN CONTENT AREAS	20042	1	ACTIVE				Y	Deleted 2013-1
20072	RED4348	LITERACY DEVEL K-12	20032	1	ACTIVE				Y	Deleted 2013-1

DELETED 2013-1

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**Miami Dade College
Five Year Delete List
Kendall Campus**

Last Term Offered	Course ID	Course Title	Effective Term	Credit Type	Course Status	Used In Program	Program Effective Term	Program Title	Delete (Y/N)	Comment(s)
20062	BAN2253	RES MTG LENDING	19981	2	ACTIVE	62004	20081	MORTGAGE FINANCE (COLLEGE CRED	N	PENDING PROGRAM DELETION
						65045	20081	BANKING MANAGEMENT COLLEGE CRE		
						22024	20121	FINANCIAL SERVICES - FINANCIAL		
						22025	20121	FINANCIAL SERVICES - MORTGAGE		
						22026	20121	FINANCIAL SERVICES - BANKING S		
20081	BRC2260	AFF HOUSING&COMM LEN	19981	2	ACTIVE	62004	20081	MORTGAGE FINANCE (COLLEGE CRED	N	PENDING PROGRAM DELETION
						22024	20121	FINANCIAL SERVICES - FINANCIAL		
						22025	20121	FINANCIAL SERVICES - MORTGAGE		
						22026	20121	FINANCIAL SERVICES - BANKING S		
20071	BRC2268	MTG LOAN SERV&QUALTY	19981	2	ACTIVE	62004	20081	MORTGAGE FINANCE (COLLEGE CRED	N	PENDING PROGRAM DELETION
						22024	20121	FINANCIAL SERVICES - FINANCIAL		
						22025	20121	FINANCIAL SERVICES - MORTGAGE		
						22026	20121	FINANCIAL SERVICES - BANKING S		
20073	BRC2941	FLD EXP IN MTG FIN	19981	2	ACTIVE	62004	20081	MORTGAGE FINANCE (COLLEGE CRED	N	PENDING PROGRAM DELETION
						22024	20121	FINANCIAL SERVICES - FINANCIAL		
						22025	20121	FINANCIAL SERVICES - MORTGAGE		
						22026	20121	FINANCIAL SERVICES - BANKING S		
20062	CGV0250	DATABASE APPLICIONS	20001	5	ACTIVE	55006	20112	ADMINISTRATIVE OFFICE SPECIALI	Y	ELECTIVE
20073	ECO2071	ECO INSTI-ELEM ED 1	19882	1	ACTIVE				N	In CurricUNET: PENDING PROGRAM DELETION
20073	GEB0251	CULTUR/ISUE BUS ABRD	19942	5	ACTIVE	52005	20021	ACADEMY OF INTERNATIONAL MARKE	N	In CurricUNET: PENDING PROGRAM DELETION
20063	MAN1949	CO-OP WRK EXP 1:	19923	2	ACTIVE	25054	20011	MARKETING MANAGEMENT - NON-PRO	N	In CurricUNET: PENDING PROGRAM DELETION
					ACTIVE	A5089	20112	BUSINESS ADMINISTRATION - NON-PRO		
20072	MKA0023	EFFECTIVE IN SALES	19942	5	ACTIVE	52005	20021	ACADEMY OF INTERNATIONAL MARKE	N	In CurricUNET: PENDING PROGRAM DELETION
20081	MKA0243	INTRO TO FORGN TRADE	20081	5	ACTIVE	52005	20021	ACADEMY OF INTERNATIONAL MARKE	N	In CurricUNET: PENDING PROGRAM DELETION
20073	MKA0245	IMPORT/EXPORT 1	19942	5	ACTIVE	52005	20021	ACADEMY OF INTERNATIONAL MARKE	N	In CurricUNET: PENDING PROGRAM DELETION
20071	MKA0246	IMPORT/EXPORT 2	19942	5	ACTIVE	52005	20021	ACADEMY OF INTERNATIONAL MARKE	N	In CurricUNET: PENDING PROGRAM DELETION
20081	MKA0250	ECO PRIN IMPRT/EXPRT	20101	5	ACTIVE	52005	20021	ACADEMY OF INTERNATIONAL MARKE	N	In CurricUNET: PENDING PROGRAM DELETION
20073	MKA0251	IMPRT/EXPRT FINANC	20101	5	ACTIVE	52005	20021	ACADEMY OF INTERNATIONAL MARKE	N	In CurricUNET: PENDING PROGRAM DELETION
20062	MKA1531	AD LAYOUT/PRODUCTION	19873	2	ACTIVE	25047	20011	MARKETING MANAGEMENT - MARKETI	N	In CurricUNET: PENDING PROGRAM DELETION
						65008	20121	MARKETING OPERATIONS CCC		
19922	OST2221	MACHINE SHORTHAND 1	20121	2	ACTIVE	25024	20031	COURT REPORTING TECHNOLOGY	N	In CurricUNET: PENDING PROGRAM DELETION
19924	OST2222	MACHINE SHORTHAND 2	20121	2	ACTIVE	25024	20031	COURT REPORTING TECHNOLOGY	N	In CurricUNET: PENDING PROGRAM DELETION
19982	OST2226	MACHINE SHORTHAND 6	20121	2	ACTIVE	25024	20031	COURT REPORTING TECHNOLOGY	N	In CurricUNET: PENDING PROGRAM DELETION
20072	OST2362	DATABASE APP/BUS	20031	2	ACTIVE	25041	20031	OFFICE ADMINISTRATION-OFF SOFT	N	In CurricUNET: PENDING PROGRAM DELETION
						65040	20081	OFFICE MANAGEMENT - OFFICE SOF		
20072	OST2362L	DATABASE APP LAB	20031	2	ACTIVE	65040	20081	OFFICE MANAGEMENT - OFFICE SOF	N	In CurricUNET: PENDING PROGRAM DELETION
20081	OST2387	CPS EXAM PREP 1	20031	2	ACTIVE				N	In CurricUNET: PENDING PROGRAM DELETION

**Miami Dade College
Five Year Delete List
Kendall Campus (cont.)**

20062	REE2085	POST-LIC ED/SALESPER	19892	2	ACTIVE	25050	20011	MARKETING MANAGEMENT - REAL ES	N	In CurricUNET: PENDING PROGRAM DELETION
20062	REE2200	REAL ESTATE FINANCE	19781	2	ACTIVE	25050	20011	MARKETING MANAGEMENT - REAL ES	N	In CurricUNET: PENDING PROGRAM DELETION
						65045	20121	BANKING MANAGEMENT COLLEGE CRE		
						22024	20121	FINANCIAL SERVICES - FINANCIAL		
						22025	20121	FINANCIAL SERVICES - MORTGAGE		
						22026	20121	FINANCIAL SERVICES - BANKING S		
20063	REE2270	MORTGAGE BNK & BROK	19781	2	ACTIVE	25050	20011	MARKETING MANAGEMENT - REAL ES	N	PENDING PROGRAM DELETION
						A5090	20031	BUSINESS ADMINISTRATION - REAL		
						65029	20081	BUSINESS OPERATIONS - REAL EST		
20072	TRA0701	TRNSPRT/GEORPH CONS	19932	5	ACTIVE	52005	20021	ACADEMY OF INTERNATIONAL MARKE	N	In CurricUNET: Pending Deletion
20081	TRA2702	INTL LOGISTICS&TRANS	20003	2	ACTIVE	25049	20011	MARKETING MANAGEMENT - INTERNA	N	In CurricUNET: Course Modification

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Pending Program Deletion
Deleted 2013-1

**Miami Dade College
Five Year Delete List
Medical Campus – Health Science**

Last Term Offered	Course ID	Course Title	Effective Term	Credit Type	Course Status	Used In Program	Program Effective Term	Program Title	Delete (Y/N)	Comment(s)
20061	HIM0061	MEDICAL REC TRANS 1	20091	5	ACTIVE	53006	20053	MEDICAL RECORD TRANSCRIBING	N	Pending Program Deletion
20061	HIM0061L	ME REC TRANS APPL 1	20091	5	ACTIVE	53006	20053	MEDICAL RECORD TRANSCRIBING	N	Pending Program Deletion
20053	HIM0062	MED REC TRANSCRIPT 2	20091	5	ACTIVE	53006	20053	MEDICAL RECORD TRANSCRIBING	N	Pending Program Deletion
20053	HIM0062L	MED REC TRANS APPL 2	20091	5	ACTIVE	53006	20053	MEDICAL RECORD TRANSCRIBING	N	Pending Program Deletion
20052	HIM0063L	MED REC TRAND APPL 3	20091	5	ACTIVE	53006	20053	MEDICAL RECORD TRANSCRIBING	N	Pending Program Deletion
20053	HIM0801	MED REC TRNS CLN PRC	20111	5	ACTIVE	53006	20053	MEDICAL RECORD TRANSCRIBING	N	Pending Program Deletion
20052	MSS0996	MASS THER-TRANSITION	20022	5	ACTIVE	53023	20022	MASSAGE THERAPY – TRANSITIONAL	N	Part of TMOP
19992	OPT2422C	EYEWEAR FABRICATN 3	20113	2	ACTIVE	23041	20001	OPTICIANRY		No Action has been Taken
20081	RAT1001	INTRO RAD ONCOLOGY	20081	2	ACTIVE				Y	Deleted 2013-1
20081	RAT1242	CLIN ONCOLOGY & PATH	20023	2	ACTIVE				Y	Deleted 2013-1
20081	RAT1840	CLIN APPL OF ANATOMY	20081	2	ACTIVE				Y	Deleted 2013-1
20071	RET9995	RESPIRATORY CARE	20091	2	ACTIVE	23067	20091	RESPIRATORY CARE – ACCELERATED	N	Part of TMOP
20081	RTE2782	RADIOGRAPHIC PATH	19912	2	ACTIVE				Y	Deleted 2013-1
20073	RTE9995	RADIOGRAPHY	20011	2	ACTIVE	A3038	20011	RADIOGRAPHY – TRANSITIONAL	N	Part of TMOP

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Pending Program Deletion
DELETED 2013-1

**Miami Dade College
Five Year Delete List
Medical Campus – Nursing**

Last Term Offered	Course ID	Course Title	Effective Term	Credit Type	Course Status	Used In Program	Program Effective Term	Program Title	Delete (Y/N)	Comment(s)
20081	PRN0995	BASIC PATIENT CARE	20041	5	ACTIVE				N	Part of TMOP

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**Miami Dade College
Five Year Delete List
New World School of the Arts**

Last Term Offered	Course ID	Course Title	Effective Term	Credit Type	Course Status	Used In Program	Program Effective Term	Program Title	Delete (Y/N)	Comment(s)
20072	DAA2509	ADVANCED JAZZ DANCE	20101	1	ACTIVE				Y	Deleted 2013-1
20081	HUM2513	ARTS AND HUMANITIES	19863	1	ACTIVE				Y	
20071	MVB1214	BARITON HORN-SEC 1YR	19781	1	ACTIVE				N	
20042	MVB1215	TUBA-SEC 1 YR	19781	1	ACTIVE				N	
20072	MVJ1215	JAZZ FLUTE SEC- 1 YR	19842	1	ACTIVE				N	
20003	MVJ1217	JAZZ TRUMPET SEC-1YR	19842	1	ACTIVE				N	
20053	MVJ1218	JAZZ TROMBONE SC-1YR	19842	1	ACTIVE				N	
20021	MVJ1315	JAZZ FLUTE PRIN-1 YR	19842	1	ACTIVE				N	
20022	MVJ2221	JAZZ VOICE SEC-2 YR	19842	1	ACTIVE				N	
20053	MVJ2223	JAZZ GUITAR SEC-2 YR	19842	1	ACTIVE				N	
20073	MVJ2224	ELECT BASS SEC-2 YR	19842	1	ACTIVE				N	
20051	MVJ2225	JAZZ FLUTE SEC-2 YR	19842	1	ACTIVE				N	
19992	MVJ2226	JAZZ SAX SEC- 2 YR	19842	1	ACTIVE				N	
20041	MVJ2229	JAZZ PRC-DRM-SEC 2YR	19842	1	ACTIVE				N	
20002	MVK1012	PRE-APPL HARPSICHORD	19972	1	ACTIVE				N	
20052	MVK1013	PRE-APPLIED ORGAN	19972	1	ACTIVE				N	
20013	MVK1212	HARPSICHORD-SEC 1YR	19781	1	ACTIVE				N	
19774	MVK2222	HARPSICHORD-SEC 2YR	19802	1	ACTIVE				N	
20033	MVK2223	ORGAN-SECONDARY 2 YR	19781	1	ACTIVE				N	
20001	MVO1214	RECORDER/SEC 1 YR	19821	1	ACTIVE				N	
19952	MVS1015	PRE-APPLIED HARP	19972	1	ACTIVE				N	
20071	MVS1017	PRE-APPL BASS GUITAR	19972	1	ACTIVE				N	
20013	MVS1212	VIOLA-SEC FIRST YEAR	19781	1	ACTIVE				N	
20013	MVS2223	CELLO-SEC 2 YR	19781	1	ACTIVE				N	
20032	MVS2224	BASS-SEC SECOND YEAR	19781	1	ACTIVE				N	
19774	MVS2225	HARP-SEC SECOND YEAR	19781	1	ACTIVE				N	
20081	MVS2324	BASS-PRIN 2 YR	19781	1	ACTIVE				N	
20071	MVW1211	FLUTE-SEC FIRST YEAR	19781	1	ACTIVE				N	
20042	MVW1212	OBOE-SEC FIRST YEAR	19781	1	ACTIVE				N	
20071	MVW1215	SAXOPHONE-SEC 1 YEAR	19781	1	ACTIVE				N	
20032	MVW2221	FLUTE-SEC 2 YEAR	19781	1	ACTIVE				N	
20022	MVW2223	CLARINET-SEC 2 YEAR	19781	1	ACTIVE				N	
19772	MVW2224	BASSOON-SEC 2 YEAR	19781	1	ACTIVE				N	
20033	MVW2225	SAXOPHONE-SEC 2 YEAR	19781	1	ACTIVE				N	

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DELETED 2013-1

**Miami Dade College
Five Year Delete List
North Campus – Academic Affairs**

Last Term Offered	Course ID	Course Title	Effective Term	Credit Type	Course Status	Used In Program	Program Effective Term	Program Title	Delete (Y/N)	Comment(s)
20081	CCJ1193	COM/HUMAN REL--CRM JS	19861	2	ACTIVE				Y	Deleted 2013-1
20061	CCJ1949	CO-OP WRK EXP 1: CRJ	19923	2	ACTIVE	27019	20112	CRIMINAL JUSTICE TECHNOLOGY: C	N	
						27020	20112	CRIMINAL JUSTICE TECHNOLOGY: B	N	
10002	CCJ2230	CRIMINAL PROC&EVID 2	20022	2	ACTIVE				Y	Deleted 2013-1
20052	CCJ2940	ADM/JUST FLD SER POM	19781	2	ACTIVE	27019	20112	CRIMINAL JUSTICE TECHNOLOGY: C	N	
						27020	20112	CRIMINAL JUSTICE TECHNOLOGY: B	N	
20052	CCJ2949	CO-OP WRK EXP 2: CRJ	19923	2	ACTIVE	27019	20112	CRIMINAL JUSTICE TECHNOLOGY: C	N	
						27020	20112	CRIMINAL JUSTICE TECHNOLOGY: B	N	
20081	CJC0104	COR OFC...DRIVER TR	20112	5	ACTIVE	57020	20122	CORRECTIONAL OFFICER - COUNTY	N	
20081	CJC2301	INTERPRSNL SKLS OFF	20121	2	ACTIVE	27019	20112	CRIMINAL JUSTICE TECHNOLOGY: C	N	
20081	CJC2350	CORRECTIONAL OPERTNS	20001	2	ACTIVE	27010	20112	CRIMINAL JUSTICE TECHNOLOGY: C	N	
20031	COS2853	INTRNET/EXTRNET CREA	20021	2	ACTIVE	26050	20021	GRAPHIC INTERNET TECHNOLOGY	N	
20002	CJD2705	LAW ENFOR. EQUIP--TECH	20081	2	ACTIVE	27019	20112	CRIMINAL JUSTICE TECHNOLOGY: C	Y	Deleted 2013-1 (Elective Course)
						27020	20112	CRIMINAL JUSTICE TECHNOLOGY: B	Y	Deleted 2013-1 (Elective Course)
20062	CJE1003	CAREER EXPL/CRIM JUS	20022	2	ACTIVE	27012	20051	CRIMINAL JUSTICE TECHNOLOGY: G	N	
20052	CJE1567	FRST RESPOND/PUB SAF	20001	2	ACTIVE	27010	20112	CRIMINAL JUSTICE TECHNOLOGY: C	Y	Deleted 2013-1 (Elective Course)
						27020	20112	CRIMINAL JUSTICE TECHNOLOGY: B	Y	Deleted 2013-1 (Elective Course)
20072	CJE1801	DEF TCT SKL--CJ PRACT	20001	2	ACTIVE	27019	20112	CRIMINAL JUSTICE TECHNOLOGY: C	Y	Deleted 2013-1 (Elective Course)
						27020	20112	CRIMINAL JUSTICE TECHNOLOGY: B	Y	Deleted 2013-1 (Elective Course)
19981	CJE2304	POLICE SUPERVISION	20091	2	ACTIVE	27019	20112	CRIMINAL JUSTICE TECHNOLOGY: C	Y	Deleted 2013-1 (Elective Course)
						27020	20112	CRIMINAL JUSTICE TECHNOLOGY: B	Y	Deleted 2013-1 (Elective Course)
20052	CJE2452	CRIM JUSTICE COMM	20091	2	ACTIVE	27019	20112	CRIMINAL JUSTICE TECHNOLOGY: C	Y	Deleted 2013-1 (Elective Course)
						27020	20112	CRIMINAL JUSTICE TECHNOLOGY: B	Y	Deleted 2013-1 (Elective Course)
20052	CJE2552	LAW ENF TRAFFIC	20091	2	ACTIVE	27020	20112	CRIMINAL JUSTICE TECHNOLOGY: B	Y	Deleted 2013-1 (Elective Course)
20052	CJE2590	LAW ENF PATROL	20091	2	ACTIVE	27020	20112	CRIMINAL JUSTICE TECHNOLOGY: B	Y	Deleted 2013-1 (Elective Course)
20072	CJE2601	LAW ENF DNV POL OFF	20001	2	ACTIVE	27020	20112	CRIMINAL JUSTICE TECHNOLOGY: B	N	
20072	CJK0020	CMS LAW ENF VEH OPER	20122	5	ACTIVE	57016	20091	CROSSOVER - CORR OFC TO LE OFC	N	
						57022	20091	CMS LAW ENFORCEMENT BRT		
20072	CJK0050	C/J DEFENSIVE TACTIC	20053	5	ACTIVE				Y	Deleted 2013-1 (Elective Course)
20072	CJK0060	PATROL	20041	5	ACTIVE				Y	Deleted 2013-1 (Elective Course)
20072	CJK0070	INVESTIGATIONS	20041	5	ACTIVE				Y	Deleted 2013-1 (Elective Course)
20072	CJK0075	INVEST OFFENSES	20041	5	ACTIVE				Y	Deleted 2013-1 (Elective Course)
20072	CJK0090	TACTICAL APPLICATION	20041	5	ACTIVE				Y	Deleted 2013-1 (Elective Course)
20072	CJK0095	C/J SPECIAL TOPICS	20041	5	ACTIVE				Y	Deleted 2013-1 (Elective Course)
20072	CJK0109	ST EX...CORR OFC CRT	20091	5	ACTIVE				Y	Deleted 2013-1 (Elective Course)
20072	CJL2080	COMPARATIVE LEGAL ST	20022	2	ACTIVE	27019	20112	CRIMINAL JUSTICE TECHNOLOGY: C	Y	Deleted 2013-1 (Elective Course)
						27020	20112	CRIMINAL JUSTICE TECHNOLOGY: B	Y	Deleted 2013-1 (Elective Course)
20081	CJL3100	CRIM PROC&EVIDENCE1	20022	2	ACTIVE	27019	20112	CRIMINAL JUSTICE TECHNOLOGY: C	N	
						27020	20112	CRIMINAL JUSTICE TECHNOLOGY: B	N	
20052	CJL2105	LEGAL 3 FOR LEO	20111	2	ACTIVE				Y	Deleted 2013-1 (Elective Course)
20062	GRA0462	GRAPHIC DESIGN 4	19962	5	ACTIVE	56004	20052	COMMERCIAL ART TECHNOLOGY	N	Pending Program Deletion
20072	GRA0474	OFFSET PRESSWORK 1	19922	5	ACTIVE				Y	Deleted 2013-1
20062	GRA0948	CO-OP WORK EXPER.GRA	19941	5	ACTIVE	56004	20053	COMMERCIAL ART TECHNOLOGY	N	Pending Program Deletion
20022	GRA1403	GRAPHIC ART ESTIM 1	20022	2	ACTIVE	26021	20011	GRAPHIC DESIGN TECHNOLOGY	N	Pending Program Deletion
						26049	20011	GRAPHIC ARTS TECHNOLOGY		
20081	GRA2310C	OFFSET PRESSWORK 1	20022	2	ACTIVE	26049	20011	GRAPHIC ARTS TECHNOLOGY	N	Pending Program Deletion
20081	GRA2312C	OFFSET PRESSWORK 2	20022	2	ACTIVE	26049	20011	GRAPHIC ARTS TECHNOLOGY	N	Pending Program Deletion
20071	REV0540	ADV ELECTRON PUBLISH	19923	5	ACTIVE	56004	20053	COMMERCIAL ART TECHNOLOGY	N	Pending Program Deletion
20072	MUM2030	COMMERCIAL MUS PERF	19781	1	ACTIVE				N	To be offered in fall 2013-1
20072	THE2052	CHILD THEATRE WRKSP	19781	1	ACTIVE				Y	Deleted 2013-1
20081	RTT0170	TV GRAPHIC PROCEDURE	19942	5	ACTIVE	56008	20052	TELEVISION PRODUCTION	N	Pending Program Deletion

**Miami Dade College
Five Year Delete List
North Campus – Academic Affairs (cont.)**

20081	RTT0177	FIELD PRODUCT PROC 1	19962	5	ACTIVE	56008	20053	TELEVISION PRODUCTION	N	Pending Program Deletion
20081	RTT0184	TV EDITING PROCEDURE	19962	5	ACTIVE	56008	20053	TELEVISION PRODUCTION	N	Pending Program Deletion
20071	RTT0189	TV FILM COMP AP PROC	19962	5	ACTIVE	56008	20053	TELEVISION PRODUCTION	N	Pending Program Deletion
20072	RTT0193	ADVANCED EDIT PROC	19962	5	ACTIVE	56008	20053	TELEVISION PRODUCTION	N	Pending Program Deletion
20071	RTT0400	TV MAST CONTROL OPER	20001	5	ACTIVE	56008	20053	TELEVISION PRODUCTION	N	Pending Program Deletion
20031	TPA1202	INTRO TO ENTRMNT TEC	19961	1	ACTIVE	26025	20021	THEATRE & ENTERTAINMENT TECHNO	N	Pending Program Revision
19773	TPA1232	THEATRE COSTUMING	20121	1	ACTIVE				Y	Deleted 2013-1
19972	TPA1253	ENTRNMNT TECH: TEC 1	19961	1	ACTIVE	26025	20021	THEATRE & ENTERTAINMENT TECHNO	N	Pending Program Revision
19972	TPA1255	CNCRT & STAGE LIGNTN	19973	1	ACTIVE	26025	20021	THEATRE & ENTERTAINMENT TECHNO	N	Pending Program Revision
20021	TPA1260	CONCRT & STAGE SOUND	19972	1	ACTIVE	26025	20021	THEATRE & ENTERTAINMENT TECHNO	N	Pending Program Revision
19981	TPA1274	PROP PRAC NON-ELECTR	19961	1	ACTIVE	26025	20021	THEATRE & ENTERTAINMENT TECHNO	N	Pending Program Revision
20031	TPA2276	ENTERTN TECH:CRAFT 1	19972	1	ACTIVE	26025	20021	THEATRE & ENTERTAINMENT TECHNO	N	Pending Program Revision
20072	TPP1172	ADV CHARACTERIZATION	19862	1	ACTIVE				Y	Deleted 2013-1
20072	TPP2261	ACTING FOR CAMERA 2	19962	1	ACTIVE				Y	Deleted 2013-1

Saved by Discipline
Pending Program Deletion/Revision
DELETED 2013-1

**Miami Dade College
Five Year Delete List
North Campus – School of Sciences**

Last Term Offered	Course ID	Course Title	Effective Term	Credit Type	Course Status	Used In Program	Program Effective Term	Program Title	Delete (Y/N)	Comment(s)
20071	BOT3015	SURVEY OF PLANT DIV	20113	1	ACTIVE	S9201	20121	BIOLOGICAL SCIENCES - BIOPHARM	N	Students Enrolled for 2012-3
20071	BOT3015L	SURVEY PLANT DIV LAB	20113	1	ACTIVE	S9201	20121	BIOLOGICAL SCIENCES - BIOPHARM	N	Students Enrolled for 2012-3
20073	CHM2132C	BASIC CHEM INSTRUMNT	20031	1	ACTIVE				Y	Deleted 2013-1 (Elective Course)
20081	ESC1000L	GEN ED EARTH SCI LAB	20071	1	ACTIVE	S9400	20121	EARLY CHILDHOOD EDUCATION	Y	Deleted 2013-1 (Elective Course)
19941	EVR1010	ENVIRNMNT COMPLIANCE	19941	2	ACTIVE	27021	20033	ENVIRONMENTAL SCIENCE TECHNOLO	N	In CurricUNET: Pending Program Deletion
						27022	20033	ENVIRONMENTAL SCIENCE TECHNOLO		
						27024	20033	ENVIRONMENTAL SCIENCE TECHNOLO		
						27023	20053	ENVIRONMENTAL SCIENCE TECHNOLO		
						27025	20053	ENVIRONMENTAL SCIENCE TECHNOLO		
20002	EVR1015	HAZ MATRL & ENVIRNMT	19952	2	ACTIVE	27021	20033	ENVIRONMENTAL SCIENCE TECHNOLO	N	In CurricUNET: Pending Program Deletion
20001	EVR1030	SOIL/GROUNDWTR MONI	19941	2	ACTIVE	27024	20033	ENVIRONMENTAL SCIENCE TECHNOLO	N	In CurricUNET: Pending Program Deletion
20002	EVR1190	ENVIRNMTL SAMPL PROC	19952	2	ACTIVE	27021	20033	ENVIRONMENTAL SCIENCE TECHNOLO	N	In CurricUNET: Pending Program Deletion
						27022	20033	ENVIRONMENTAL SCIENCE TECHNOLO		
						27024	20033	ENVIRONMENTAL SCIENCE TECHNOLO		
						27023	20053	ENVIRONMENTAL SCIENCE TECHNOLO		
						27025	20053	ENVIRONMENTAL SCIENCE TECHNOLO		
19992	EVR1263	INTRO ECOL/TNDS POLL	20003	2	ACTIVE	27021	20033	ENVIRONMENTAL SCIENCE TECHNOLO	N	In CurricUNET: Pending Program Deletion
						27022	20033	ENVIRONMENTAL SCIENCE TECHNOLO		
						27024	20033	ENVIRONMENTAL SCIENCE TECHNOLO		
						27023	20053	ENVIRONMENTAL SCIENCE TECHNOLO		
20002	EVR1633	HAZ MATRL EMERG RS 1	19941	2	ACTIVE	27023	20053	ENVIRONMENTAL SCIENCE TECHNOLO	N	In CurricUNET: Pending Program Deletion
						27025	20053	ENVIRONMENTAL SCIENCE TECHNOLO		
20023	EVR1640	HAZ MATRL REGULAIN 1	19941	2	ACTIVE	27023	20053	ENVIRONMENTAL SCIENCE TECHNOLO	N	In CurricUNET: Pending Program Deletion
20011	EVR1802	INDUSTRIAL PROCESS	19941	2	ACTIVE	27023	20053	ENVIRONMENTAL SCIENCE TECHNOLO	N	In CurricUNET: Pending Program Deletion
20043	EVR1930	ENVIRONMENTAL SEMNR	20033	2	ACTIVE	27021	20033	ENVIRONMENTAL SCIENCE TECHNOLO	N	In CurricUNET: Pending Program Deletion
						27022	20033	ENVIRONMENTAL SCIENCE TECHNOLO		
						27024	20033	ENVIRONMENTAL SCIENCE TECHNOLO		
						27023	20053	ENVIRONMENTAL SCIENCE TECHNOLO		
						27025	20053	ENVIRONMENTAL SCIENCE TECHNOLO		
19982	EVR2613	HAZ MAT EMERG RESP 2	19952	2	ACTIVE	27025	20053	ENVIRONMENTAL SCIENCE TECHNOLO	N	In CurricUNET: Pending Program Deletion
19972	EVR2625	INFECTUS/NUCLR MATRL	19952	2	ACTIVE	27022	20033	ENVIRONMENTAL SCIENCE TECHNOLO	N	In CurricUNET: Pending Program Deletion
						27023	20053	ENVIRONMENTAL SCIENCE TECHNOLO		
19991	EVR2630	HAZ MATRL RISK ANALS	19952	2	ACTIVE	27022	20033	ENVIRONMENTAL SCIENCE TECHNOLO	N	In CurricUNET: Pending Program Deletion
						27025	20053	ENVIRONMENTAL SCIENCE TECHNOLO		
19984	EVR2805	HAZ MAT HLTH EFFECTS	19952	2	ACTIVE	27022	20033	ENVIRONMENTAL SCIENCE TECHNOLO	N	In CurricUNET: Pending Program Deletion
19973	EVR2840	HAZ MAT EMERG RSP 3	19952	2	ACTIVE	27025	20053	ENVIRONMENTAL SCIENCE TECHNOLO	N	In CurricUNET: Pending Program Deletion
20081	GEO2000	BASICS CONCEPTS GEO	19873	1	ACTIVE				Y	Deleted 2013-1 (Elective Course)
20052	OCE1001L	INTR OCEANGRPHY L	19873	1	ACTIVE	S9400	20121	EARLY CHILDHOOD EDUCATION	Y	Deleted 2013-1 (Elective Course)
19773	ORH1840C	LANDSCAPE CONST	20111	2	ACTIVE	21005	20081	LANDSCAPE & HORTICULTURE TECH		Currently being offered 2012-2
						21006	20081	LANDSCAPE & HORTICULTURE TECHN		
20063	ORH2835C	COM-AIDED LNDSCPE D1	20031	2	ACTIVE	21006	20081	LANDSCAPE & HORTICULTURE TECHN		Will offer in 2013-2
20081	ORH2837C	COM-AIDED LNDSCPE D2	20031	2	ACTIVE	21006	20081	LANDSCAPE & HORTICULTURE TECHN		Will offer in 2013-3
19924	ORH2873	INTERIOR LANDSCAPING	20111	2	ACTIVE	21005	20081	LANDSCAPE & HORTICULTURE TECH	Y	
						21006	20081	LANDSCAPE & HORTICULTURE TECHN		

**Miami Dade College
Five Year Delete List
North Campus – School of Sciences (cont.)**

20063	PHY3019	TECH IN PHY TEACHING	20031	1	ACTIVE				Y	Deleted 2013-1 (Elective Course)
20062	PHZ3113	MATHEMATICAL PHYSICS	20031	1	ACTIVE				Y	Deleted 2013-1 (Elective Course)
20072	ZOO3021	SURVEY OF ANIMAL DIV	20113	1	ACTIVE	S9201	20121	BIOLOGICAL SCIENCES – BIOPHARM	N	Students Enrolled for 2012-2
20072	ZOO3021L	SURV ANIMAL DIV LAB	20113	1	ACTIVE	S9201	20121	BIOLOGICAL SCIENCES – BIOPHARM	N	Students Enrolled for 2012-2

Saved by Discipline

Pending Program Deletions

DELETED 2013-1

**Miami Dade College
Five Year Delete List
Wolfson Campus – Academic Affairs**

Last Term Offered	Course ID	Course Title	Effective Term	Credit Type	Course Status	Used In Program	Program Effective Term	Program Title	Delete (Y/N)	Comment(s)
20081	CG50306	INFO SYS DEVELOPMENT	20112	5	ACTIVE	55023	20022	BUSINESS COMPUTER PROGRAMMING	N	PENDING PROGRAM DELETION
20072	CG50948	CO-OP WORK EXPER.CGS	19941	5	ACTIVE				Y	
19871	CG51540	DATA CONCEPT DESIGN	20103	2	ACTIVE	25057	20103	DATABASE TECHNOLOGY – MICROSOFT	N	Discipline re-ffer course in 2010-3
						25058	20103	DATABASE TECHNOLOGY – ORACLE D		
						25060	20103	DATABASE TECHNOLOGY – ORACLE D		
						25065	20122	COMPUTER PROGRAMMING AND ANALY		
						25070	20122	COMPUTER PROGRAMMING & ANALYSI		
20062	CT50035	INTRO "C" PROGRAM	20112	5	ACTIVE	55023	20022	BUSINESS COMPUTER PROGRAMMING	N	PENDING PROGRAM DELETION
20062	CT50036	ADV "C" PROGRAMMING	20111	5	ACTIVE	55023	20022	BUSINESS COMPUTER PROGRAMMING	N	PENDING PROGRAM DELETION
20072	CT50092	DES NETWRK INFSTRCT	20101	5	ACTIVE	55024	20053	NETWORK SUPPORT SERVICES	N	PENDING PROGRAM DELETION
20081	CT50094	DES DIRECTORY SERV5	20042	5	ACTIVE				Y	
20081	CT50095	INFORMATION SECURITY	20101	5	ACTIVE	55024	20053	NETWORK SUPPORT SERVICES	N	PENDING PROGRAM DELETION
20032	CTS2445	PRG PL/SQL IN ORACLE	20103	2	ACTIVE	66049	20081	ORACLE DATABASE DEVELOPER	N	PENDING PROGRAM DELETION
20032	CTS2446	ENT ORACLE DATAB APP	20103	2	ACTIVE	66049	20081	ORACLE DATABASE DEVELOPER	N	PENDING PROGRAM DELETION
						25060	20103	DATABASE TECHNOLOGY – ORACLE D		
20062	EET1037C	ELEC COMPUTER SMULT	20081	2	ACTIVE	26053	20111	BIOMEDICAL ENGINEERING TECHNOL	N	PENDING PROGRAM DELETION
20062	EEV0811	D.C. ANALYSIS	20081	5	ACTIVE	56002	20053	ELECTRONIC TECHNOLOGY	N	PENDING PROGRAM DELETION
20071	EEV0813	SOLID STATE COMP/CR	20081	5	ACTIVE	56002	20053	ELECTRONIC TECHNOLOGY	N	PENDING PROGRAM DELETION
20071	EEV0821	ELECTRONIC FUND	20081	5	ACTIVE	56002	20053	ELECTRONIC TECHNOLOGY	N	PENDING PROGRAM DELETION
20062	EGN1033	CIVILIZATION & ENG 1	20081	1	ACTIVE	26037	20021	DRAFTING & DESIGN TECHNOLOGY	N	PENDING PROGRAM DELETION
20062	EGS2020	ENGIN MEASURE & COMP	20081	2	ACTIVE	26026	20021	AIR CONDITIONING REFRIGERATION	N	PENDING PROGRAM DELETION
						26035	20021	CIVIL ENGINEERING TECHNOLOGY		
						26037	20021	DRAFTING & DESIGN TECHNOLOGY		
20072	EG52311	ENGIN MECH-STATICS	20122	1	ACTIVE				Y	
20072	ETC2450	CONCRETE CONSTRUCTN	20061	2	ACTIVE	26035	20021	CIVIL ENGINEERING TECHNOLOGY	N	PENDING PROGRAM DELETION
						26026	20021	AIR CONDITIONING REFRIGERATION		
						26035	20021	CIVIL ENGINEERING TECHNOLOGY		
						26037	20021	DRAFTING & DESIGN TECHNOLOGY		
						26031	20021	TELECOMMUNICATIONS ENGINEERING		
20062	ETD1342	STRUCTURAL DRAFTING	20081	2	ACTIVE	26026	20021	AIR CONDITIONING REFRIGERATION	N	PENDING PROGRAM DELETION
						26035	20021	CIVIL ENGINEERING TECHNOLOGY		
						26037	20021	DRAFTING & DESIGN TECHNOLOGY		
20071	ETG2502	STATICS	19781	2	ACTIVE	26035	20021	CIVIL ENGINEERING TECHNOLOGY	N	PENDING PROGRAM DELETION
20071	ETM2740C	AIRCND COND&MOTORS	20081	2	ACTIVE	26026	20021	AIR CONDITIONING REFRIGERATION	N	PENDING PROGRAM DELETION
20071	ETM2930	AIRCND SEMINAR	20081	2	ACTIVE	26026	20021	AIR CONDITIONING REFRIGERATION	N	PENDING PROGRAM DELETION
20081	ETS2524C	MACHINE ALIGNMENT	20121	2	ACTIVE				Y	
20081	ETS2526C	MECHANICAL SEALS	20121	2	ACTIVE				Y	
20073	HFT2990	SELECTED STUDIES	20032	2	ACTIVE				Y	
20081	PTA0300	SHEET METAL CO-OP 1	20111	5		59003	20121	SHEET METAL FABRICATION TECHNO	N	Part of contracted Apprenticeship program
20071	PTA0302	SHEET METAL CO-OP 3	20111	5	ACTIVE	59003	20112		N	Part of contracted Apprenticeship program

**Miami Dade College
Five Year Delete List
Wolfson Campus – Academic Affairs (cont.)**

						59003	20121	SHEET METAL FABRICATION TECHNO		
20072	PTA0303	SHEET METAL CO-OP 4	20111	5	ACTIVE	59003	20112		N	Part of contracted Apprenticeship program
						59003	20121	SHEET METAL FABRICATION TECHNO		
20081	PTA0304	SHEET METAL CO-OP 5	20111	5	ACTIVE	59003	20112		N	Part of contracted Apprenticeship program
						59003	20121	SHEET METAL FABRICATION TECHNO		
20081	PTA0390	SHEET METAL 1	20111	5	ACTIVE	59003	20112		N	Part of contracted Apprenticeship program
						59003	20121	SHEET METAL FABRICATION TECHNO		
20071	PTA0392	SHEET METAL 3	20111	5	ACTIVE	59003	20112		N	Part of contracted Apprenticeship program
						59003	20121	SHEET METAL FABRICATION TECHNO		
20072	PTA0393	SHEET METAL 4	20111	5	ACTIVE	59003	20112		N	Part of contracted Apprenticeship program
						59003	20121	SHEET METAL FABRICATION TECHNO		
20081	PTA0394	SHEET METAL 5	20111	5	ACTIVE	59003	20112		N	Part of contracted Apprenticeship program
						59003	20121	SHEET METAL FABRICATION TECHNO		
20063	PTA0941	SHT METAL CO-OP SUM1	20111	5	ACTIVE	59003	20112		N	Part of contracted Apprenticeship program
						59003	20121	SHEET METAL FABRICATION TECHNO		
20073	PTA0942	SHT METAL CO-OP SUM2	20111	5	ACTIVE	59003	20112		N	Part of contracted Apprenticeship program
						59003	20121	SHEET METAL FABRICATION TECHNO		

DELETED 2013-1
PENDING PROGRAM DELETION
SAVED BY DISCIPLINE

4. Testing

2013-2014 Testing Fees Changes

Testing Fees website is at <http://www.mdc.edu/main/testing/gentesting/fees.aspx>.

ATI TEAS V

Currently, MDC administers the ATI TEAS V exam to prospective nursing students. The current cost of the TEAS V is \$35.00 and the current fee charged to students is \$60. ATI charges \$5.00 per test for their services to schedule and collect fees for MDC from the student. On July 1, 2013, the cost will increase to \$40.00. The proposed fee increase of \$5.00 per test for students making the new fee \$65.00 per student will offset the \$5.00 increase from the publisher of the test.

Note: The TEAS will not be used at MDC after August 31, 2013. The School of Nursing is replacing the TEAS with the NLN exam.

Private Middle School Students Transitioning to Public High Schools in Need of Testing

The PERT Math is used as an option to the Algebra 1 EOC assessment for these students.

Note: An expedited request for charging a \$10.00 fee was approved by Dr. Montoya on April 12, 2013 for testing these students in May and June.

FLORIDA DEPARTMENT OF EDUCATION



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Dr. Tony Bennett
Commissioner of Education



April 10, 2013

MEMORANDUM

TO: Florida College System Presidents

FROM: Tony Bennett

SUBJECT: Private Middle School Students Transitioning to Public High Schools in Need of Testing

At the request of the State Board of Education, the department seeks your assistance in offering private middle school students transitioning to public schools with the opportunity to take the Postsecondary Education Readiness Test (PERT) on your college campuses. The department is currently working to establish a concordant score for PERT that will allow students to use the PERT to satisfy the Algebra 1 End-of-Course (EOC) Assessment requirement for graduation from a public high school. Our school districts are also being asked to provide opportunities for these students to sit for the Algebra 1 EOC at their local high school, but we want to ensure that there is another, more flexible option for these private middle school students to meet the Algebra 1 EOC requirement prior to the beginning of the 2013-2014 school year. We anticipate most of the middle school students will be seeking a testing opportunity during the months of May and June of this year. We estimate that only about 6,000 students statewide will want to take advantage of these options and many will likely do so by taking the Algebra 1 EOC at their local high school at the appropriate time.

Your active collaboration with private school students and your local school districts is greatly appreciated. In the same spirit of collaboration, I ask that you consider allowing these private middle school students who have taken Algebra 1 an opportunity to take the PERT Mathematics at a cost of no more than \$10. Your policies regarding testing security should not be adjusted or jeopardized for the purposes of this request.

Florida College System Presidents

Page Two

April 10, 2013

I have read with interest the recent news about the economic impact of the Florida College System and I congratulate each of you for a job well done. As Commissioner of Education, I look forward to getting to know each of you and growing a strong and effective partnership.

Cc: Florida College System Vice Presidents, Academic and Student Affairs
Florida College System Test Administrators
Randy Hanna, Chancellor, Florida College System
Julie Alexander, Vice Chancellor for Academic and Student Affairs, Division of Florida Colleges