

3/15/2010 Agenda

CURRICULUM COMMITTEE MEETING

March 15, 2010, 2:30 - 4:00

North Campus

NOTE CHANGE: ~~Building 47, Room 112- Building 60, Room 206~~ **Building 46, Room 152**

Committee Members

To confirm your attendance, please contact:
Deborah Hefferin , dhefferi@broward.edu .

Presenters

To confirm your attendance, please contact:
Dr. Martin McClinton mmcclint@broward.edu

LONG AGENDA

[Click here for Short Agenda](#)

(**RWFR**: Request Waive of First Read)

(**\$**: Request to include in General Education by Gen. Ed. Ad Hoc Committee)

I.Call to Order

II.Approval of the March 2010 Agenda

III.Approval of the [February 15, 2010 Minutes](#)

IV.FYI Business (non-voting presentations)

1.Jose Macia, Associate Dean, South Campus

Request for Action: [EAP Pilot Courses](#)

a.New Course

EAP0381C [Combined Skills III](#) (6 credits)

An intermediate level combined skills course for speakers of other languages designed principally to guide students to the mastery of grammar/writing, reading and listening/speaking for those pursuing PSAV programs in the health field. The requirement to move to the next level (EAP 0481) is a C or higher. With a D or F, a student must repeat EAP381.

Prerequisite: EAP0285C, EAP0220C & EAP0200C Corequisites: none

Lec. Hrs: 96 Lab Hrs:13 Oth. Hrs: 0 Fee: \$0

EAP0481C [Combined Skills IV](#) (6 credits)

A high-intermediate level combined skills course for speakers of other languages designed principally to guide students to the mastery of grammar/writing, reading and listening/speaking for those pursuing PSAV programs in the health field.

Prerequisite: EAP0385C, EAP0320C & EAP0300C Corequisites: none

Lec. Hrs: 96 Lab Hrs:13 Oth. Hrs: 0 Fee: \$0

2.Dr. Martin McClinton District Director for Curriculum Services, WHC

Report: [Office Administration Programs Alignment](#)

V.Old Business

1.Dr. **Monica Ramirez**, Interim Dean, BAS Program, North Campus

Request for Action: **Baccalaureate of Applied Science Degree in Technology Management**

a.New Courses

- ISM3013** **Introduction to Information Systems Management** (3 credits)
The course introduces fundamental concepts and methods related to the management of information systems in organizations. This course will cover a broad range of topics which will vary over time as technology advances. In the end, this course will equip students with the applied knowledge of management information systems for use in business decision making as impacted by information and decision support systems.
Prerequisite: none Corequisites: none
Lec. Hrs: 48 Lab Hrs:0 Oth. Hrs: 0 Fee: 0
- ISM3320** **Information Systems Control** (3 credits)
This course presents a balance of the management and the technical aspects of the discipline and addresses knowledge areas of the Comptia's Security+ certification exam throughout. It provides a comprehensive overview of network security and covers communication security, network and applications security, infrastructure security, threats and vulnerabilities, World Wide Web security, cryptography, operational/organizational security, disaster recovery, business continuity, as well as computer forensics.
Prerequisite: ISM3013 Corequisites: none
Lec. Hrs: 48 Lab Hrs:0 Oth. Hrs: 0 Fee: 0
- ISM3432** **Applied Quality Assurance Methodology** (3 credits)
This course teaches the IT professional the fundamentals of quality assurance for system development and software creation. The learned outcomes will be an understanding of QA factors consisting of software, modeling, testing, training, standards and procedures as well as managements position on quality assurance.
Prerequisite: none Corequisites: none
Lec. Hrs: 48 Lab Hrs:0 Oth. Hrs: 0 Fee: 0
- ISM4315** **Applied Project Management** (3 credits)
This course has been designed to be relevant for all professionals confronting project-related tasks, with particular attention given to the information systems context. Course content includes an overview of technology, an introduction to software development approaches, facets of project management, and organizational issues related to successful project management.
Prerequisite: CIS1510C Corequisites: none
Lec. Hrs: 48 Lab Hrs:0 Oth. Hrs: 0 Fee: 0
- ISM4382** **Global Information Systems** (3 credits)
This course addresses key management issues as they are applied to global information resources management. This course also addresses strategic global systems issues such as hardware, software, Enterprise Resource Planning (ERP), electronic business integration, security and infrastructure support for a variety of industries.
Prerequisite: ISM3320 Corequisites: none
Lec. Hrs: 48 Lab Hrs:0 Oth. Hrs: 0 Fee: 0
- MAN4572** **Procurement Management** (3 credits)
This course is an introduction to the concepts, principles, and techniques of purchasing physical resources. Students will develop a basic knowledge of sound procurement practices within a managerial setting for all types of organizations.
Prerequisite: none Corequisites: none
Lec. Hrs: 48 Lab Hrs:0 Oth. Hrs: 0 Fee: 0

b. New Program

T200

[Bachelor of Applied Science Degree in Technology Management](#)

The Bachelor of Applied Science Degree in Technology Management provides individuals who hold an Associate in Science (A.S.) or Associate in Applied Science (A.A.S.) degree the opportunity to further their education. Students completing this program will have the skills and knowledge required to become successful Technology Managers and leaders within public, private, and non-profit organizations. The curriculum offers a learner-centered and practical approach to understanding Technology Management.

2. Dr. Monica Ramirez, Interim Dean, BAS Program, North Campus

[Request for Action: Baccalaureate of Applied Science Degree in Information Technology](#)

a. New Courses

CDA4102 [Platform Technologies](#) (3 credits)

IT professionals will encounter a variety of platforms in their career. The role of the IT professional is to select, deploy, integrate and administer platforms or components to support the organization's IT infrastructure. This knowledge area includes the fundamentals of hardware and software and how they integrate to form essential components of IT systems.

Prerequisite: CNT3603, CEN3516 Corequisites: none

Lec. Hrs: 48 Lab Hrs: 0 Oth. Hrs: 0 Fee: 0

CEN3516 [Networking](#) (3 credits)

This course teaches the concepts necessary to design, deploy, integrate and administer a communications infrastructure. This course includes data communication concepts that cover telecommunications, the Internet and Internet working principles.

Prerequisite: CTS1134C or CET2486C Corequisites: none

Lec. Hrs: 48 Lab Hrs: 0 Oth. Hrs: 0 Fee: 0

CEN4722 [Human Computer Interaction](#) (3 credits)

This course will provide the student the necessary elements in understanding and accomplishing the human computer interaction in the area of Information technology. The student will learn user centered methodologies in the design, development, evaluation and employment of application and system software.

Prerequisite: COP1335C or COP2800C Corequisites: none

Lec. Hrs: 48 Lab Hrs: 0 Oth. Hrs: 0 Fee: 0

CIS3510 [Project Management](#) (3 credits)

This course covers the general aspects of project management and emphasizes the important special considerations which apply to technology projects. Supporting software is used extensively.

Prerequisite: CIS1510C Corequisites: none

Lec. Hrs: 48 Lab Hrs: 0 Oth. Hrs: 0 Fee: 0

CIS4205 [Social and Professional Issues in IT](#) (3 credits)

In addition to technical skills, an IT professional must understand the social and professional context of information technology and computing, and adhere to ethical codes of conduct. This knowledge area covers the historical, social, professional, ethical and legal aspects of computing. It identifies how teamwork is integrated throughout IT and how IT supports an organization. It also stresses professional oral and written communication skills.

Prerequisite: CEN4722 Corequisites: none

Lec. Hrs: 48 Lab Hrs: 0 Oth. Hrs: 0 Fee: 0

CIS4361 [Information Assurance and Security](#) (3 credits)

This course covers the general aspects of project management and emphasizes the important special considerations which apply to technology projects. Supporting software is used extensively.

Prerequisite: CEN3516 Corequisites: none

Lec. Hrs: 48 Lab Hrs: 0 Oth. Hrs: 0 Fee: 0

- CIS4595** **IT Capstone Project** (3 credits)
 This course will give the IT student the ability to utilize what he/she has learned from the IT Program and adapt it to a work environment. This will be accomplished by providing the student a senior project that includes first: project proposal, feasibility studies, identification of intellectual property, and a teamwork environment for project creation, and second, project support which includes: budgets, schedule management, communications through reports and presentations, project testing, implementation and final approval.
 Note: This course must be taken in the final semester.
 Prerequisite: none Corequisites: none
 Lec. Hrs: 48 Lab Hrs:0 Oth. Hrs: 0 Fee: 0
- CNT3603** **System Administration and Maintenance** (3 credits)
 This course will provide the IT professional with the knowledge and the management tools that are needed to design, select, apply, and deploy computer systems. The learned outcomes will allow the student an understanding in system administration concepts that will cover software, hardware, system types, databases, communications, documentation, internet, and maintenance.
 Prerequisite: CET2742C Corequisites: none
 Lec. Hrs: 48 Lab Hrs:0 Oth. Hrs: 0 Fee: 0
- CNT3702** **Infrastructure and Facilities Planning** (3 credits)
 Students integrate computer and networking hardware and software into a robust, secure, redundant and resilient infrastructure. Students will research and present findings related to enterprise projects in computer networking design. In addition to the technical requirements the student will learn the business principles of economies of scale, service level agreements, request for proposals, and outsourcing.
 Prerequisite: none Corequisites: none
 Lec. Hrs: 48 Lab Hrs:0 Oth. Hrs: 0 Fee: 0
- CNT4014** **Systems Integration and Architecture** (3 credits)
 This course provides the student with a detailed understanding of computer hardware and system software. The material covered in this course is intended to establish a platform of technical knowledge for systems analysis, design, configuration, procurement, and management.
 Prerequisite: CDA4102, CIS4361, COP4855 Corequisites: none
 Lec. Hrs: 48 Lab Hrs:0 Oth. Hrs: 0 Fee: 0
- COP3703** **Database Concepts** (3 credits)
 This course applies a relational model approach to logical and physical data structure and data concepts and modeling. It also applies a model based on conceptual database design and implementation using current software.
 Prerequisite: none Corequisites: none
 Lec. Hrs: 48 Lab Hrs:0 Oth. Hrs: 0 Fee: 0
- COP3853** **Web Systems and Technologies** (3 credits)
 IT applications are increasingly web-based. Web technology has grown to include a variety of business, academic, organizational and social applications. Diverse multi-cultural and multilingual user communities now depend on Web technology. This knowledge area covers the design, implementation and testing of web-based applications including related software, databases, interfaces and digital media. It also covers social, ethical and security issues arising from the Web and social software.
 Prerequisite: CGS1557C or CTS1851C Corequisites: none
 Lec. Hrs: 48 Lab Hrs:0 Oth. Hrs: 0 Fee: 0

COP4855 [Integrative Programming and Technologies](#) (3 credits)
Organizations typically use many disparate technologies that need to communicate and work with each other. A key component to the discipline of Information Technology is the integration of applications and systems. This knowledge area examines the various types of programming languages and their appropriate use. It also addresses the use of scripting languages, architectures, application programming interfaces and programming practices to facilitate the management, integration and security of the systems that support an organization.
Prerequisite: COP3853, COP1335C or COP2800C Corequisites: none
Lec. Hrs: 48 Lab Hrs:0 Oth. Hrs: 0 Fee: 0

b.New Program

T300 [Bachelor of Applied Science Degree in Information Technology](#)
The Bachelor of Applied Science Degree in Information Technology provides individuals who hold an Associate in Science (A.S.) or Associate in Applied Science (A.A.S.) degree the opportunity to further their education. Students completing this program will have the skills and knowledge required to become successful Information Technologists and leaders in areas such as database administration, network systems administration, computer software engineering, etc. within public, private, and non-profit organizations. The curriculum offers a learner-centered and practical approach to understanding and applying Information Technology.

3.Yvonne Simone, Program Manager, Respiratory Care Department

Request for Action: Respiratory Care Program Course Changes

a.New Course

RET 2265 [Advanced Respiratory Equipment](#) (2 credits)
This course introduces students to more advanced monitoring techniques in the areas of ventilation and oxygenation for the adult, pediatric and neonatal patient.
Prerequisite: RET2418 and RET1833L Corequisites: RET2265L,RET2714
Lec. Hrs: 32 Lab Hrs:0 Oth. Hrs: 0 Fee: 0

RET 2265L [Advanced Respiratory Equipment Lab](#) (1 credit)
This course provides hands on interaction for students to learn the techniques of more advanced monitoring in the areas of ventilation and oxygenation for the adult, pediatric and neonatal patient
Prerequisite: RET2418, RET1833L Corequisites: RET22655, RET2834L, RET2714
Lec. Hrs: 0 Lab Hrs:32 Oth. Hrs: 0 Fee: \$39.20

b.Revised Course

RET1026 [Respiratory Therapy Equipment](#) (3 credits)
Course Description: updated
Course Outline: Modest changes to student learning outcomes

RET1026L [Respiratory Therapy Equipment Lab](#) (1 credit)
Course Outline: Substantial changes to student learning outcomes

RET1264L [Mechanical Ventilation Lab](#) (1 credit)
Course Description: updated
Course Outline: Substantial changes to student learning outcomes

c.Terminated Course

RET2503C [Advanced Cardiopulmonary Pathophysiology](#)

d.Program Revision

2132 [Respiratory Therapy AS Degree](#)

4.Lynn Slossberg, Assistant Professor, Legal Assisting, South Campus
Request for Action: Changes in Curriculum for Legal Assisting (2)

a.Revised Courses

- PLA1303 Criminal Litigation** (3 credits)
Course Outline: Substantial changes to student learning outcomes
Prerequisite: From *ENC 1101, PLA 1003, and PLA 1104 or instructor's approval, to ENC 1101, PLA 1103, and PLA 1104 or program manager's approval*
- PLA1435 Corporations** (3 credits)
Course Outline: Substantial changes to student learning outcomes
Prerequisite: From *ENC 1101, PLA 1003, and PLA 1104 or instructor's approval, to ENC 1101, PLA 1103, and PLA 1104 or program manager's approval*
- PLA1610 Procedures for Real Estate Title Closing** (3 credits)
Course Outline: Substantial changes to student learning outcomes
Corequisite: From *ENC 1101, PLA 1003, and PLA 1104 or instructor approval, to ENC 1101. PLA 1003, and PLA 1104 or program manager's approval*
- PLA1800 Domestic Relations** (3 credits)
Course Outline: Substantial changes to student learning outcomes
Corequisite: From *ENC 1101, PLA 1003, and PLA 1104 or instructor approval, to ENC 1101, PLA 1003, and PLA 1104 or program manager's approval*
- PLA2466 Debtor Creditor Relations** (3 credits)
Course Outline: Substantial changes to student learning outcomes
Corequisite: From *ENC 1101, PLA 1003, and PLA 1104 or instructor approval, to ENC 1101, PLA 1003, and PLA 1104 or program manager's approval*

5.Lynn Slossberg, Assistant Professor, Legal Assisting, South Campus
Request for Action: Changes in BUL 2241 Business Law I

a.Revised Courses

- BUL2241 Business Law I** (3 credits)
Course Outline: Substantial changes to student learning outcomes

6.Fernando Ulibarri, Temporary Instructor, Visual and Performing Arts Department, Central Campus

Request for Action: New Course/Change of Course Detail

a.New Course

- MUS 2340 Introduction to MIDI Systems and Sound Design** (3 credits)
This course will offer the student a comprehensive study of the Musical Instrument Digital Interface (MIDI) and its many musical applications with an emphasis on sequencing and sound design. Concepts of music synthesis and sound design are presented through the use of a computer, keyboard, and appropriate software. Assignments are performed outside of class reinforcing weekly lecture topics.
Prerequisite: none Corequisites: none
Lec. Hrs: 48 Lab Hrs:0 Oth. Hrs: 0 Fee: 0

b.Revised Course

- MUS 2342 Introduction to Computer Music** (3 credits)
Course ID: from *MUS2342, to MUS2501*
Course Title: from *Computer Music, to Digital Audio Music Production*
Short Course Title: from *Computer Music to Digital Audio*

VI. New Business

1. Leo Stitsky, Professor, Visual and Performing Arts, Central Campus

Request for Action: [New and Revised Courses in Visual Arts](#)

a. New Courses

ART2752C Ceramics: [Throwing on the Potters Wheel](#) (3 Credits)

A fine arts study of advanced techniques in ceramics emphasizing concepts and techniques of forming clay on the wheel, surface decoration, glazing and firing.

Prerequisite: ART2750C

Corequisites: none

Repeatable: 9 times

Lec. Hrs: 32 Lab Hrs: 64 Oth. Hrs: 0 Fee: \$35

ART2754C Ceramics: [Hand-Building](#) (3 Credits)

Fine arts ceramics course to develop hand-building through various projects which emphasize technique, creativity, and problem-solving. Includes advanced concepts and techniques of forming clay, surface decoration, glazing and firing.

Prerequisite: ART2750C

Corequisites: none

Repeatable: 9 times

Lec. Hrs: 32 Lab Hrs: 64 Oth. Hrs: 0 Fee: \$35

ART2931C [Art Special Topics: \(specify medium\)](#) (3 Credits)

A studio course centered on a specific medium of art and topics of current interest. Media, topics or focus may vary from semester to semester. Special Topics credit hours are not automatically transferable. Transfer credit is the prerogative of the receiving institution.

Prerequisite: Instructor's Permission

Corequisites: none

Repeatable: 9 times

Lec. Hrs: 32 Lab Hrs: 64 Oth. Hrs: 0 Fee: \$0

b. Course Revisions

ART1600C [Computer Art](#) (3 credits)

Course Description: updated

Course Outline: substantial changes to student learning outcomes

ART2205C [Color Theory](#) (3 credits)

Course Title: From *Color and Composition*, to *Color Theory*

Course Outline: substantial changes to student learning outcomes

2. Joyce Abraham, Associate Dean, Central Campus

Request for Action: [Dental Hygiene Curriculum Technologies Course](#)

a. New Course

DEH2840L [Advanced Dental Technology Lab](#) (1 credit)

This laboratory course is designed to provide the dental hygiene students with basic concepts of computer technology and dental software used in the current practice of dentistry. The course will focus on advanced technologies which include dental software programs, intraoral camera, microscope, digital radiography, clinical assessments and practice management. Dental hygiene students will get hands on opportunities all software programs assuring their future success.

Prerequisite: none

Corequisites: DEH1002, DEH1002L, DEH2400, DEH1800, DEH1800L, DEH2300

Lec. Hrs: 0 Lab Hrs: 32 Oth. Hrs: 0 Fee: \$65

b. Adjust Corequisites

DEH1002, DEH1002L, DEH2400, DEH1800, DEH1800L, DEH2300

[Add DEH2840L as co-requisite to these courses](#)

c. Program Revision

2145 [Dental Hygiene](#)

3. Michele Marshall, Assistant Professor, Office Systems Technology, North Campus

Request for Action: [OST 5 Year Review Jan 2010](#)

a. Revised Course (>20%)

- OST1103 [Basic Keyboarding](#) (1 credit)
Course Description: updated
Course Outline: substantial changes to student learning outcomes
Lecture hours ~~from 0, to 16~~
Lab hours ~~from 16, to 0~~
- OST1110L [Keyboarding & Document Processing II](#) (3 credits)
Course Description: updated
Course Outline: substantial changes to student learning outcomes
- OST2053 [Successful Job Search](#) (1 credit)
Course Description: updated
Course Outline: substantial changes to student learning outcomes
- OST2335 [Communications in the Workforce](#) (3credits)
Course Description: updated
Course Outline: substantial changes to student learning outcomes

4. Dr. Lani Kempner, Assistant Professor, Wellness, Central Campus

Request for Action: [Change PEN1171 to Aquatic Wellness to fulfill Gen. Ed. requirement](#)

a. Revised Course

- PEN1171 [Aquatic Wellness](#) (2 credits)
General Education Status: From *none* to *Meet AA degree's Area 4D (faculty endorsement)*
Course Outline: Substantial changes plus updated with General Education Competencies

5. Dr. Kathy Jackson, Dean, Continuing Education, Central Campus

Request for Action: [Course and Program Terminations](#)

RWFR

a. Course Terminations

- CVT1501 [Basic Electrocardiography](#)
HCP0110C [Basic Nurse 1: Nursing Assistant](#)
NUR2946 [Graduate Nurse Internship](#)
NUR2946L [Nurse Internship: Clinical Lab](#)
RTE2563 [Advanced Vascular/Interventional Radiography](#)

b. Program Terminations

- 4263 [Coronary Care Nursing](#)
4262 [Critical Care Nursing](#)
4261 [Graduate Nurse Intern](#)
4264 [Home Health Nursing](#)
4260 [Multiskilled Health care Professional](#)
4282 [Progressive Care Nursing](#)
4275 [Vascular Sonography](#)

6.Dr. Michael Giovanniello, Associate Professor, Radiography, Central Campus

Request for Action: [Radiography Program Changes](#)

a.Course Terminations

RTE 2473 [Radiographic Quality Assurance](#)

b.Program Changes

A025 [Radiography](#)

Add the BC- required Computer Literacy course to the Program and remove RTE2473 to maintain the State mandated limit of 77 credits for the program.

7.Dr. Monica Ramirez, Interim Dean, BAS Program, North Campus

Request for Action: [Basic Solar Technician Certificate](#)

RWFR

a.New Courses

EET2550C [Introduction to Solar Photovoltaic Systems](#) (3 credit)

This course delivers an Introduction to background, essential theory, principles and future of distributive energy technology. It focuses on solar / photovoltaic, electricity and battery power systems. The course teaches how solar / photovoltaic systems work and integrate with the electrical grid. This course is the first of a two-part series (precursor to the installation course EET 2551) that will prepare the student for the North American Board of Certified Energy Practitioners (NABCEP) certification. Prerequisite: none
Prerequisite and Corequisites: none

Lec. Hrs: 32 Lab Hrs:16 Oth. Hrs: 0 Fee: \$0

EET2551C [Installation of Solar Photovoltaic Systems](#) (3 credit)

This course covers the design and installation of photovoltaic systems. It is the second course in a two-part series (Follow-up to the Introduction to PV Systems EET 2550) which provides all the content necessary to prepare the student for the North American Board of Certified Energy Practitioners (NABCEP) certification.

Prerequisite: EET2550 Corequisites: none

Lec. Hrs: 32 Lab Hrs:16 Oth. Hrs: 0 Fee: \$0

b.New Program

XXXX [Basic Solar Technician](#)

This certificate provides individuals the opportunity to learn industry standard terms and procedures relating to basic solar photovoltaic systems. Students completing this program will have the skills and knowledge required to successfully certify as a solar photovoltaic system installer through the North American Board of Certified Energy Practitioners (NABCEP).

8.Dr. Monica Ramirez, Interim Dean, BAS Program, North Campus

Request for Action: [Advanced Electronics Solar Technician Certificate](#) **RWFR**

a.New Program

XXXX [Advanced Electronics Solar Technician Certificate](#)

This certificate provides individuals the opportunity to learn industry standard methods and terms relating to the installation of solar photovoltaic systems. Students completing this program will have the skills and knowledge required to successfully certify as a solar photovoltaic system installer through the North American Board of Certified Energy Practitioners (NABCEP).

9.Felicidad Archila, Assistant Professor, Computer Science, Central Campus
Request for Action: Computer Information Technology (Tech Support Specialist)

RWFR

a.Course Revisions

CGS2100C Computer Applications (3 credits)

Degree Type: from AAS, AS, and TC to AA, AAS, AS, and TC

CTS1213C Microsoft Specialist: Advanced Outlook (1 credit)

Credit Hours: From 1 credit to 3 credits

Course Title: from *Microsoft Specialist: Advanced Outlook*, to *Microsoft Specialist: Windows and Outlook for Business*

Short Title: from *MS: Adv Outlook*, to *MS Win/Outlook*

Course Description: updated

Course Outline: substantial changes to the course outline

Lecture hours: from 12, to 36

Lab hours: from 4, to 12

CTS1220C Microsoft Specialist: Advanced Word (3 credits)

Course Title: from *Microsoft Specialist: Advanced Word*, to *Microsoft Specialist: Word*

Short Title: from *MS: Adv Word*, to *MS Word*

Course Description: updated

Course Outline: substantial changes to the course outline

Lecture hours: from 40, to 36

Lab hours: from 8, to 12

CTS1225C Microsoft Specialist: Advanced Excel (3 credits)

Course Title: from *Microsoft Specialist: Advanced Excel*, to *Microsoft Specialist: Excel*

Short Title: from *MS: Adv Excel*, to *MS Excel*

Course Description: updated

Course Outline: substantial changes to the course outline

Lecture hours: from 40, to 36

Lab hours: from 8, to 12

CTS1230C Microsoft Specialist: Advanced PowerPoint (3 credits)

Course Title: from *Microsoft Specialist: Advanced PowerPoint*, to *Microsoft Specialist: PowerPoint*

Short Title: from *MS: Adv Powrpt*, to *MS PowerPoint*

Course Description: updated

Course Outline: substantial changes to the course outline

Lecture hours: from 40, to 36

Lab hours: from 8, to 12

CTS1431C Microsoft Specialist: Advanced Access (3 credits)

Course Title: from *Microsoft Specialist: Advanced Access*, to *Microsoft Specialist: Access*

Short Title: from *MS: Adv Access*, to *MS Access*

Course Description: updated

Course Outline: substantial changes to the course outline

Lecture hours: from 40, to 36

Lab hours: from 8, to 12

b.Course Termination

CTS2153C Supporting Microsoft Office

Removed from Programs 21493, A0101, 62823

c. Program Revisions

- 21493 [Computer Information Technology Tech Support Specialist Associate in Science Option](#)
- A0101 [Information Technology Tech Support Specialist Associate in Applied Science Option](#)
- 62823 [Information Technology Support Specialist Technical Certificate Microsoft Office Specialist \(MOS\) Option](#)
- 6284 [Information Technology Analysis Linux System Administrator Option Technical Certificate](#)
- 62822 [Information Technology Support Specialist Technical Certificate Help Desk Specialist Option](#)

10. Michelle Levine, Assistant Professor, Contract & Civil Engr, Central Campus

Request for Action: [Computer Programming & Analysis](#)

RWFR

a. New Courses

- CIS1000C** [Introduction to Computer Science](#) (3 credits)
This course is designed to provide students with a broad perspective of the field of Computer Science, from core issues and concepts inherent to the discipline of computing, to the various sub-disciplines of computer science. Topics include: Number Systems and Data Representation; Computer Components and Architecture including Gates and Circuits; Problem Solving and System Development Methodologies; Low-Level and High-Level Programming Languages; Abstract Data Representations and Algorithms; Operating Systems, File Systems and Directories; Information Systems; Artificial Intelligence; Simulation, Graphics, and Other Applications; Networks and The World Wide Web.
Prerequisite: none Corequisites: none
Lec. Hrs: 40 Lab Hrs: 8 Oth. Hrs: 0 Fee: \$30
- COP2360C** [C# Programming](#) (3 credits)
This course teaches students how to create C# programs and gives the student a solid foundation on building applications using an object-oriented/event-driven language. Students will write programs using C# controls and their main properties, methods and events. Students will also write programs that access sequential access files and will learn basic programming structures and manipulation of arrays in C#. The class assumes a working knowledge of basic programming control structures.
Prerequisite: COP1335C, CIS2321
Prerequisite & Corequisites: COP2361C
Lec. Hrs: 48 Lab Hrs: 16 Oth. Hrs: 0 Fee: \$49
- CTS2465C** [Sun: Advanced Java Development](#) (3 credits)
This course is designed to help prepare students for the Sun Certified Developer certification. Upon successful completion of this course, students should be able to implement a program from the ground up that could be used in a commercial intranet application and will develop classes to connect programs to SQL database systems using the core aspects of the Java Database Connectivity(JDBC) application programming interface(API). Two-tier and three-tier Java technology applications will be created, as well as multithreaded servers and remote objects using Java Remote Method Invocation(Java RMI).
Prerequisite: CTS2464C & COP2700C Corequisites: none
Lec. Hrs: 40 Lab Hrs: 8 Oth. Hrs: 0 Fee: \$49

b.Revised Courses

CIS2321	<u>Systems Design & Development</u>	(3 credits)
	Course ID: from <i>CIS2321</i> , to <i>CIS2321C</i>	
	Course Title: from <i>Systems Design & Development</i> to <i>Systems Analysis & Design</i>	
	Short Title: from <i>Sys Dev / Des</i> , to <i>Sys Analysis</i>	
	Course Description: updated	
	Lecture hours: from <i>48</i> , to <i>40</i>	
	Lab hours: from <i>0</i> , to <i>8</i>	
	Degree Type: from <i>AAS, AS, and TC</i> to <i>AA, AAS, AS, and TC</i>	
	Prerequisite: from <i>COP1334C</i> to <i>COP1334C & CIS1000C</i>	
COP1334C	<u>Introduction to C++</u>	(3 credits)
	Course Outline: substantial changes to the course outline	
	Pre- & Corequisite: from <i>none</i> to <i>CIS1000C</i>	
COP1335C	<u>Intermediate C++</u>	(3 credits)
	Prerequisite: from <i>COP1334C</i> , to <i>COP1334C & CIS1000C</i>	
	Pre- & Corequisite: from <i>none</i> , to <i>CIS2321C</i>	
COP2171C	<u>Visual Basic Programming</u>	(3 credits)
	Course ID: from <i>COP2171C</i> , to <i>COP2176C</i>	
	Course Description: updated	
	Course Outline: substantial changes to the course outline	
	Prerequisite: from <i>COP1334C</i> , to <i>COP1335C & CIS2321C</i>	
	Pre- & Corequisite: from <i>none</i> , to <i>COP2361C</i>	
COP2361C	<u>Object-Oriented Design & Programming using C++</u>	(3 credits)
	Course Title: from <i>Object-Oriented Design & Programming using C++</i> , to <i>Object-Oriented Analysis and Design</i>	
	Short Title: from <i>Obj-Orien Des</i> , to <i>OO Analysis</i>	
	Course Description: updated	
	Course Outline: substantial changes to the course outline	
	Prerequisite: from <i>COP1335C</i> , to <i>COP1335C & CIS2321C</i>	
COP2700C	<u>Database Programming using SQL</u>	(3 credits)
	Course Title: from <i>Database Programming using SQL</i> , to <i>Database Design & Programming using SQL</i>	
	Course Description: updated	
	Prerequisite: from <i>COP2171C and CGS1540C</i> , to <i>COP1334C and CIS1000C</i>	
COP2800C	<u>Programming in Java</u>	(3 credits)
	Course Description: updated	
	Course Outline: substantial changes to the course outline	
	Prerequisite: from <i>COP1335C</i> , to <i>COP1335C & CIS2321C</i>	
	Pre- & Corequisite: from <i>none</i> , to <i>COP2361C</i>	
CTS1460C	<u>Microsoft C# Application Development Foundation</u>	(3 credits)
	Course ID: from <i>CTS1460C</i> , to <i>CTS2460C</i>	
	Course Title: from <i>Microsoft C# Application Development Foundation</i> , to <i>Microsoft: .NET Foundations</i>	
	Short Title: from <i>C# Foundation</i> , to <i>.NET Foundation</i>	
	Course Description: updated	
	Course Outline: substantial changes to the course outline	
	Prerequisite: from <i>COP1335C</i> to <i>COP2360C & CIS2361C</i>	
CTS2463C	<u>Microsoft C# Web Application Development</u>	(3 credits)
	Course Title: from <i>Microsoft C# Web Application Development</i> , to <i>Microsoft: .Net Web Application Development</i>	
	Short Title: from <i>C# Web Dev</i> , to <i>.Net Web Dev</i>	
	Course Description: updated	
	Course Outline: substantial changes to the course outline	
	Prerequisite: from <i>COP2460C</i> to <i>COP2460C & COP2700C</i>	
CTS2464C	<u>Sun: Advanced Java Programming</u>	(3 credits)
	Course Outline: substantial changes to the course outline	
	Prerequisite: from <i>COP2361C, COP2800C & CTS1106</i> , to <i>COP2361C & COP2800C</i>	

c. Course Terminations

CIS2342 [Designing Data Services and Data Models](#)
Removed from Programs 21492, 62386, 21134, 62385

d. Program Revisions

2195 [Computer Programming and Analysis Associate in Science](#)
21492 [Oracle Professional Database Administrator Associate in Science](#)
62386 [Oracle System Administrator \(Database Administrator Option\) Technical Certificate](#)
21134 [Oracle Professional Database Developer Associate in Science](#)
62385 [Oracle Software Engineering \(Database Developer Option\) Technical Certificate](#)

11. **Sherry Cox**, Assistant Professor, Computer Science, Central Campus

Request for Action: [Internet Services Technology](#)

RWFR

a. Course Revisions

CTS1212C [Adobe Photoshop](#) (3 credits)
Course Description: updated
Course Outline: substantial changes to the course outline
Lecture Hours: from 40, to 36
Lab hours: from 8, to 12
Prerequisite: from *none* to *CGS1060C or placement*

CTS1800C [Macromedia Dreamweaver](#) (3 credits)
Course Title: from *Macromedia Dreamweaver*, to *Adobe Dreamweaver*
Course Outline: substantial changes to the course outline
Course Description: updated
Lecture Hours: from 40, to 36
Lab hours: from 8, to 12

CTS1801C [Macromedia Flash](#) (3 credits)
Course Title: from *Macromedia Flash*, to *Adobe Flash*
Course Outline: substantial changes to the course outline
Course Description: updated
Lecture Hours: from 40, to 36
Lab hours: from 8, to 12
Prerequisite: from *CTS1800C*, to *CTS1851C*

CTS1802C [Cascading Style Sheets](#) (3 credits)
Course Outline: substantial changes to the course outline
Lecture Hours: from 40, to 36
Lab hours: from 8, to 12

CTS1851C [Certified Internet Webmaster Foundations](#) (3 credits)
Course Outline: substantial changes to the course outline
Prerequisite: from *none*, to *CGS1060C or placement*

CTS2803C [Flash Programming](#) (3 credits)
Course Outline: substantial changes to the course outline
Course Description: updated
Lecture Hours: from 40, to 36
Lab hours: from 8, to 12
Prerequisite: from *COP1334C and CTS1801C*, to *(COP1334C or COP1000C) and CTS1801C*

- CTS1852C** [CIW Javascript Fundamentals](#) (2 credits)
 Credit Hours: from 2 credits, to 3 credits
 Course ID: from CTS1852C, to CTS2852C
 Course Title: from CIW Javascript Fundamentals, to Client-Side Scripting
 Short Title: from Javascript Fnd, to Client Script
 Course Description: updated
 Course Outline: substantial changes to the course outline
 Lecture hours: from 24, to 36
 Lab hours: from 8, to 12
 Degree Type: from AAS, AS, and TC to AA, AAS, AS, and TC
 Prerequisite: from COP1334C to COP1334C & CIS1000C
- CTS2854** [CIW: E-Commerce Strategies And Practices I](#) (3 credits)
 Course Description: updated
 Course Outline: substantial changes to the course outline
- CTS2855C** [CIW: E-Commerce Strategies And Practices II](#) (4 credits)
 Course Description: updated
 Course Outline: substantial changes to the course outline
 Lecture hours: from 56, to 48
 Lab hours: from 8, to 16
- CTS2857C** [Server-Side Scripting](#) (3 credits)
 Course Outline: substantial changes to the course outline
 Lecture Hours: from 40, to 36
 Lab hours: from 8, to 12
 Prerequisite: from COP1334C & CTS1851C, to (COP1334C or COP1000C) and CTS1851C

b. Program Revisions

- 2196 [Internet Services Technology Master Designer Option Associate in Science](#)
 A036 [Internet Services Technology Associate in Applied Science](#)
 6285 [Web Development Specialist Technical Certificate](#)

12. Brian Faris, Assistant Professor, Computer Science, Central Campus

Request for Action: [Network Services Technology](#)

RWFR

a. New Courses

- CTS2342C** [Microsoft Windows Enterprise Administration](#) (4 Credits)
 This Microsoft IT Academy course will provide students with an understanding of how to design a Windows Server Network Infrastructure that meets business and technical requirements for network services, to design Active Directory forests, domain infrastructure, sites and replication, administrative structures, group policies, and Public Key Infrastructures, to design for security, high availability, disaster recovery, and migrations and to design application infrastructure solutions based on Windows Server to meet varying business and technical requirements.
 Prerequisite: CTS2343C
 Corequisites: none
 Lec. Hrs: 48 Lab Hrs:16 Oth. Hrs: 0 Fee: \$150
- CTS2343C** [Microsoft Windows Application Infrastructure](#) (4 Credits)
 This Microsoft IT Academy course provides students with an understanding of migrating and deploying Windows Server, including installation, configuration, and upgrading and with the knowledge and skills to configure, manage, monitor, and troubleshoot a Terminal Services (TS) environment. Special emphasis is given to upgrading common server configurations and using Windows Server Deployment Solution Accelerator. Students will also learn to install, configure, maintain, and troubleshoot and Internet Information Services Web Server in Windows Server.
 Prerequisite: CTS2346C & CTS2120C
 Corequisites: none
 Lec. Hrs: 48 Lab Hrs:16 Oth. Hrs: 0 Fee: \$150

- CTS2345C** [Microsoft Windows Active Directory](#) (4 Credits)
 This Microsoft IT Academy course provides students with the knowledge and skills to configure and troubleshoot Active Directory services on Windows Servers. It will also introduce students to Active Directory roles such as AD DS, AD LDS, AD CS, AD RMS, and AD FS. Students will also learn how to manage access to Active Directory resources, how to configure group policy objects, how to implement security using group policies and about AD DS and DNS integration.
 Prerequisite: CTS1347C
 Corequisites: none
 Lec. Hrs: 48 Lab Hrs:16 Oth. Hrs: 0 Fee: \$150
- CTS2346C** [Microsoft Windows Server Administration](#) (4 Credits)
 This Microsoft IT Academy course provides students with the knowledge and skills to implement, monitor, and maintain Windows Servers. The skills the students will learn will enable them to perform the duties of a server administrator.
 Prerequisite: CTS2345C
 Corequisites: none
 Lec. Hrs: 48 Lab Hrs:16 Oth. Hrs: 0 Fee: \$150
- CTS2360C** [Microsoft System Center Configuration Manager](#) (4 Credits)
 This course provides students with the knowledge and skills to deploy and manage software and asset using the Microsoft System Center Configuration Manager. The skills developed by students completing this course will help prepare them for the Microsoft System Center Configuration Manager certification.
 Prerequisite: CTS2345C
 Corequisites: none
 Lec. Hrs: 48 Lab Hrs:16 Oth. Hrs: 0 Fee: \$150
- CTS2361C** [Microsoft SharePoint Server](#) (4 Credits)
 This course is designed to provide students with a broad perspective of the field of Computer Science, from core issues and concepts inherent to the discipline of computing, to the various sub-disciplines of computer science. Topics include: Number Systems and Data Representation; Computer Components and Architecture including Gates and Circuits; Problem Solving and System Development Methodologies; Low-Level and High-Level Programming Languages; Abstract Data Representations and Algorithms; Operating Systems, File Systems and Directories; Information Systems; Artificial Intelligence; Simulation, Graphics, and Other Applications; Networks and The World Wide Web.
 Prerequisite: CTS2345C
 Corequisites: none
 Lec. Hrs: 48 Lab Hrs:16 Oth. Hrs: 0 Fee: \$150

b.Course Revisions

- CET2625C** [Cisco Networking V](#) (4 credits)
 Course Title: from *Cisco Networking V*, to *Cisco CCNP I*
 Short Title: from *Cisco V*, to *Cisco CCNP I*
 Course Description: updated
 Course Outline: substantial changes to the course outline
- CET2627C** [Cisco Networking VII](#) (4 credits)
 Course Title: from *Cisco Networking VII*, to *Cisco CCNP II*
 Short Title: from *Cisco VII*, to *Cisco CCNP II*
 Course Description: updated
 Course Outline: substantial changes to the course outline
- CET2628C** [Cisco Networking VIII](#) (4 credits)
 Course Title: from *Cisco Networking VIII*, to *Cisco CCNP III*
 Short Title: from *Cisco VIII*, to *Cisco CCNP III*
 Course Description: updated
 Course Outline: substantial changes to the course outline
 Prerequisite: from *CET1620C* to *CET2627C*

CET2660C	<u>Cisco Fundamentals of Network Security I</u>	(4 credits)
	Credit Hours: from 3 credits, to 4 credits	
	Course Title: from <i>Cisco Fundamentals of Network Security I</i> , to <i>Cisco CCNA Security</i>	
	Short Title: from <i>Cisco Security I</i> , to <i>Cisco Security</i>	
	Course Description: updated	
	Course Outline: substantial changes to the course outline	
	Lecture hours: from 40, to 48	
	Lab hours: from 8, to 16	
CTS1111C	<u>Linux+</u>	(4 credits)
	Course Description: updated	
	Course Outline: substantial changes to the course outline	
	Lecture hours: from 56, to 48	
	Lab hours: from 8, to 16	
	Prerequisite: from <i>CTS1133C</i> and <i>CTS2131C</i> to none	
CTS1133C	<u>A+ Essentials</u>	(3 credits)
	Course Description: updated	
	Course Outline: substantial changes to the course outline	
	Lecture hours: from 48, to 36	
	Lab hours: from 0, to 12	
CTS1134C	<u>Network+</u>	(4 credits)
	Course Description: updated	
	Course Outline: substantial changes to the course outline	
	Lecture hours: from 56, to 48	
	Lab hours: from 8, to 16	
CTS1327C	<u>Microsoft Windows Professional</u>	(4 credits)
	Course Title: from <i>Microsoft Windows Professional</i> , to <i>Microsoft Windows Client</i>	
	Short Title: from <i>Windows Prof</i> , to <i>Windows Client</i>	
	Course Description: updated	
	Course Outline: substantial changes to the course outline	
	Lecture hours: from 56, to 48	
	Lab hours: from 8, to 16	
	Prerequisite: from <i>CTS1133C</i> , to <i>CTS2131C</i>	
CTS1334C	<u>Implementing Windows Infrastructure</u>	(4 credits)
	Course ID: from <i>CTS1334C</i> , to <i>CTS1347C</i>	
	Course Title: from <i>Implementing Windows Infrastructure</i> , to <i>Microsoft Windows Network Infrastructure</i>	
	Short Title: from <i>Impl Net Infr</i> , to <i>MS Net Infrast</i>	
	Course Description: updated	
	Course Outline: substantial changes to the course outline	
	Lecture hours: from 56, to 48	
	Lab hours: from 8, to 16	
	Prerequisite: from <i>CTS1133C</i> , <i>CTS2131C</i> , <i>CTS1327C</i> & <i>CTS1328C</i> to <i>CTS1327C</i> and <i>CTS1134C</i>	
CTS2120C	<u>Security+</u>	(4 credits)
	Course Outline: substantial changes to the course outline	
	Prerequisite: from <i>CET2486C</i> to <i>CTS1134C</i> or <i>CET2486C</i>	
CTS2131C	<u>A+ Advanced</u>	(3 credits)
	Course Title: from <i>A+ Advanced</i> , to <i>A+ Practical</i>	
	Short Title: from <i>A+ Advanced</i> , to <i>A+ Practical</i>	
	Course Description: updated	
	Course Outline: substantial changes to the course outline	
	Lecture hours: from 48, to 36	
	Lab hours: from 0, to 12	

CTS2330C [Implementing Microsoft Exchange Server](#) (4 credits)
 Course ID: from CTS2330C, to CTS2339C
 Course Title: from *Implementing Microsoft Exchange Server*, to *Microsoft Exchange Server*
 Course Description: updated
 Course Outline: substantial changes to the course outline
 Lecture hours: from 56, to 48
 Lab hours: from 8, to 16
 Prerequisite: from CTS2302C to CTS2345C

c.Course Terminations

CET1850C [Cisco Fundamentals of Wireless LANs](#)
 Removed from Programs 2201& A038
CET2626C [Cisco Networking VI \(Implementing Secure Converged WANs\)](#)
 Removed from Programs 2201& A038
CET2667C [Cisco Security II](#)
CTS1328C [Implementing Microsoft Windows Server](#)
CTS1334C [Implementing Microsoft Windows Network Infrastructure](#)
CTS2302C [Implementing Microsoft Windows Directory Services](#)
CTS2304C [Planning and Maintaining Microsoft Windows Network Infrastructure](#)

d.Program Revisions

2201 [Network Services Technology Associate in Science](#)
 A038 [Network Services Technology Associate in Applied Science](#)
 6282 [Information Technology Technician Novell CNA Technical Certificate](#)
 6283 [Information Technology Management \(Microsoft MCSA option\)](#)
 62387 [Networking-Cisco CCNA Technical Certificate](#)

14.Claudio Noriega, Professor, Architectural Technology, WHC

Request for Action: [Change Pre-requisite requirement for ARC24612](#)

a.Course Revisions

ARC2461 [Materials and Methods of Construction](#)
 Prerequisite: From *ARC1301* to *none*

15.Kristine Volpi, Assistant Professor, BSED, South Campus

Request for Action: [Network Services Technology](#)

a.Change in the Course Contact Hours for Reading Education Courses

RED3342 [Foundations of Reading](#)
 Lecture hours: From 32 to 48
 Lab hours: From 16 to 0

RED3352 [Reading In The Content Area](#)
 Lecture hours: From 32 to 48
 Lab hours: From 16 to 0

RED4519 [Literacy Assessment and Differentiated Instruction in Reading Education](#)
 Lecture hours: From 32 to 48
 Lab hours: From 16 to 0

16. Kristine Volpi, Assistant Professor, BSED, South Campus
Julia Vattiato, Director, Educator Preparation Institute, South Campus

Request for Action: [Change in TSL4081 Prerequisites](#)

a. Change in TSL4081 Prerequisites

TSL4081 [ESOL Issues and Strategies II](#)

Prerequisite: From *TSL3080*, to *TLS3080, EDF3280, EDF4430, EDG4410, EDP4004, EEX3011, RED3342, RED3352*.

17. Carlton Anglin, Temporary Instructor, North Campus

Request for Action: [Replacement of CNT2001 by CTS2383 in Multiple Programs](#)

a. New Courses

CTS2383 [Managing a Server Network Operating System](#) (3 credit)

This course provides students with the knowledge and skills necessary to install and configure a network server and perform post-installation and day-to-day administrative tasks. The course gives the student the background needed to provide technical support for network servers. This course is taught using a networking operating dictated by industry conditions. When taught using the windows 2008 platform it helps to prepare the student for the related Microsoft certification examination.

Prerequisite: none

Prerequisite and Corequisites: none

Lec. Hrs: 48 Lab Hrs: 0 Oth. Hrs: 0 Fee: \$0

b. Program Sheet Revisions

A010 [Computer Systems Specialist Associate in Applied Science](#)

Replace the major course CNT2001, Local Area Networking with CTS2383 Managing a Server Network Operating System

A013 [Electronics Engineering Technology Associate in Applied Science](#)

Replace the elective courses CNT2001, Local Area Networking with CTS2383, Managing a Server Network Operating System

A035 [Computer Engineering Technician Associate in Applied Science](#)

Replace the major course CNT2001, Local Area Networking with CTS2383 Managing a Server Network Operating System

21491 [Computer Systems Specialist Associate in Science](#)

Replace the major course CNT2001, Local Area Networking with CTS2383 Managing a Server Network Operating System

18. Lloyd Holness, Associate Dean, Health Sciences, North Campus

RWFR

Request for Action: [Deleting Ophthalmic Programs of Study](#)

a. Program Deletion

21892 [Ophthalmic Technology, A.S. Degree](#)

A030 [Ophthalmic Technology, A.A.S. Degree](#)

19. Mariah Johnson, Assistant Professor, Visual and Performing Arts, Central Campus

Request for Action: [Changing Prerequisites for TPP2260](#)

a. Course Revision

TPP2260 [Acting for Film and Television](#) (3 credits)

Prerequisite: From *none* to TPP2110

20. Daniel Jones, Associate Dean, Automotive Technology, South Campus

Request for Action: Marine Technology (Certificate)

a. New Course

MTE1651C Basic Welding (4 credits)

Provides basic welding knowledge and skills necessary to make repairs on ferrous material used in the marine industry. Emphasis on metallurgy and uses of metals. The course is designed for the student with no welding background and includes the safety and theory of gas welding, metal cutting, brazing with brass and silver alloys, AC/DC arc welding stick, and introduction to aluminum TIG and MIG welding.

Prerequisite: MTE1004C

Corequisites: none

Lec. Hrs: 38 Lab Hrs: 58 Oth. Hrs: 0 Fee: \$100

b. New Program

XXXX Marine Technology

The Marine Technology Certificate is designed to prepare students interested in a career in the large yacht maintenance, repair and retrofit industry. Broward County is the world leader in the yacht industry and is in high demand of qualified technicians to work on yachts with diesel engines and sophisticated sustainable systems. Completers of the program may be employed in boat yards working on multi-million dollar vessels and the latest technology in marine equipment. The lifestyle may also include being part of the on-board crew and traveling around the world. Career advancement in management is a probable progression in the field.

21. Mary Rousseau, Associate Dean, Office Systems Technology, South Campus

Request for Action: New Option in the Business Specialist Technical Certificate

a. New Courses

TRA 1010 Transportation and Logistics (3 credits)

This course deals with the role of logistics in the economy and the organization. Topics explored are customer service, logistics information systems, inventory management, material management and supply chain management. The objective is to explore the full scope of the transportation plant and its services as a necessary preparation to efficient use of the transportation system.

Prerequisite: none

Corequisites: none

Lec. Hrs: 48 Lab Hrs: 0 Oth. Hrs: 0 Fee: \$0

TRA 1150 Operations Management for Transportation (3 credits)

This course covers the skills necessary for a supervisory role in logistics. It includes roles and responsibilities in managing different types of operations and general managerial functions and skills. Topics include the design and management of production operations, productivity, strategy, capacity planning, location, layout, resource management, just-in-time systems, materials requirement planning and project management.

Prerequisite: none

Corequisites: none

Lec. Hrs: 48 Lab Hrs: 0 Oth. Hrs: 0 Fee: \$0

TRA 1154 Supply Chain Management (3 credits)

This course presents an integrated approach to the management of activities involved in moving goods and services from suppliers to customers. The course will focus on what employees and managers must do to ensure an effective supply chain exists in their organization. Students will learn about SCM functions, warehousing, purchasing and inventory, e-commerce, information flow and customer service.

Prerequisite: none

Corequisites: none

Lec. Hrs: 48 Lab Hrs: 0 Oth. Hrs: 0 Fee: \$0

b.New Program

6288

Business Specialist Technical Certificate

Addition of a Logistics Specialist Option to this Certificate

VII.Reports / Announcements

1.Leo Stitsky, Professor, Visual and Performing Arts, Central Campus

Proposed changes to Procedure Manual: Pilot Courses

VIII.Adjournment

The next Curriculum Committee meeting is scheduled as follows:

South Campus

Building 71, Room 101

April 19, 2010

Committee Members

To confirm your attendance, please contact:

Deborah Hefferin , dhefferi@broward.edu