Miami Dade College
Office of the Vice Provost of Academic Affairs

July 14, 2017

M E M O R A N D U M

TO: **Lenore Rodicio**

FROM: **Julie Alexander**

All curriculum items included in this report were presented and discussed at the July 11, 2017, College CASSC meeting. Approval of curriculum items is for offering at all campuses and centers, all off campus sites, at Honors level and through Distance Education.

Curriculum Requiring Approval

1. **Mathematics Discipline**
    - **Existing Course Modification**
      Effective Date: August 2017
      Affected Campus(es):   North, Wolfson, Kendall, Homestead, InterAmerican, Hialeah, MDC-West, Centers, all off campus sites, at Honors level and through Distance Education.

      Administrator(s):   John Adkins/Nicholas Schur
      Faculty:

      <mark>**Motion 1:**   **The Mathematics Discipline is requesting to modify three (3) developmental education courses to align with current delivery practices at the college.**</mark>

    Course Modifications

    MAT0018 - Developmental Mathematics 1
    From: 2 hr. lecture; 4 hr. lab
    To: 4 hr. lecture

    MAT0022 - Developmental Mathematics Combined
    From: 2 hr. lecture; 4 hr. lab
    To: 5 hr. lecture

    MAT0028 - Developmental Mathematics 2
    From: 2 hr. lecture; 4 hr. lab
    To: 4 hr. lecture

2. **School of Business**
   - **State Mandated Program Deletion**
     Program Title: Real Estate Sales Agent and Real Estate Broker
     Degree Type: Career Technical Certificate (CTC)
     Effective Date: August 2017
     Affected Campus(es):   North, Wolfson, Kendall, Homestead, InterAmerican, Hialeah, MDC-West, Centers, all off campus sites, at Honors level and through Distance Education.

     Administrator(s):   John Adkins/Cynthia Okoe
     Faculty:

     Motion 1:   **In response to the Florida Department of Education (FLDOE) Change Document 2017-18, the School of Business is requesting the sunsetting of the CTC's in Real Estate Sales Agent and Real Estate Broker and corresponding courses.**

     Course Deletion

Course	Title
REE0035	Mathematics for Real Estate
REE0044	Real Estate Sale
REE0301	Real Estate Post-Licensing Brokers 2
REE0801	Real Estate Post-Licensing Brokers 1
REE0802	Broker Estate Broker's License Exam Preparation

3. **School of Justice, Public Safety and Law Studies**
   - **New Program**
     Program Title: Computer Crime Investigation
     Degree Type: Associate in Science (AS)
     Program Length: 60 Credit Hours
     Effective Date: August 2017
     Affected Campus(es):   North, Wolfson, Kendall, Homestead, InterAmerican, Hialeah, MDC-West, Centers, all off campus sites, at Honors level and through Distance Education.

     Administrator(s):   Raimundo Socorro/Anselm Knights
     Faculty:

     Motion 1:   **The School of Justice, Public Safety and Law Studies is requesting the development of an existing state approved Associate in Science (AS) in Computer Crime Investigations.**

4. **School of Engineering, Technology & Design**
    - **New Program**
      Program Title: Digital Forensics
      Degree Type: College Credit Certificate (CCC)
      Program Length: 24 Credit Hours
      Effective Date: August 2017
      Affected Campus(es): North, Wolfson, Kendall, Homestead, InterAmerican, Hialeah, MDC-West, Centers, all off campus sites, at Honors level and through Distance Education.

      Administrator(s): Antonio Delgado/Anselm Knights
      Faculty:

      Motion 1: **The School of Engineering, Technology and Design is requesting the development of an existing state approved College Credit Certificate (CCC) in Digital Forensics.**

      Add New Courses

      Motion 2: **The School of Engineering, Technology and Design is proposing the development of three (3) new courses for the proposed Computer Crime Investigation (AS) degree and Digital Forensics (CCC) certificate.**

Course	*Title*	*Credits*
CET2369C	Embedded Programming	4.0
CET2664C	Electronic Security	4.0
CET2880C	Digital Forensic	4.0

    - **Add New Courses**
      Effective Date: August 2017
      Affected Campus(es): North, Wolfson, Kendall, Homestead, InterAmerican, Hialeah, MDC-West, Centers, all off campus sites, at Honors level and through Distance Education.

      Administrator(s): Antonio Delgado/Anselm Knights
      Faculty:

      Motion 3: **The School of Engineering, Technology, and Design is proposing the development of three (3) new cyber security courses design to meet industry demand and vendor/industry certification.**

Course	*Title*	*Credits*	*Proposed Fee*
CTS2670	Check Point Security Administration	4.0	$63.00
CTS2671	Check Point Security Engineering	4.0	$63.00
CTS2664	CISCO Certified Network Associate (CCNA) Security	4.0	$63.00

- **AS in Music Business Program Modifications**
  Track Title: Business Management (25019)
                            Creative Performance (25043)
                            Creative Production (25044)
  Effective Date: August 2017
  Affected Campus(es): North, Wolfson, Kendall, Homestead, InterAmerican, Hialeah, MDC-West, Centers, all off campus sites, at Honors level and through Distance Education.

  Administrator(s):   Antonio Delgado
  Faculty: Richard Rose

  Motion 1:   **The Music Business program is requesting modifications to the Associate in Science (AS) in Music Business and associated tracks in order to align with current delivery practices at the college.**

  Program Modification to Area 8 – Major Core Requirements: Group B
  Remove: COP 2822 - Web Page Design and Programming   (4 credits)
  FROM PROGAM ONLY
  Add: CTS 1800 - Introduction to Web Page Development (4 credits)

5. **School of Health Sciences**
   - **State Mandated Program Modification**
     Program Title: Diagnostic Medical Sonography
     Degree Type: Associate in Science (AS)
     Program Length: 88 Credit Hours
     Effective Date: August 2017
     Affected Campus(es): Medical

     Administrator(s):   Donna Fishkin/Debra Shannon
     Faculty: Dalia Sanchez-Suarez

     Motion 1:   **In response to the FLDOE 2017-2018 Change Document, the School of Health Sciences is reducing the AS in Diagnostic Medical Sonography program length from 88 to 77.**

     Modification to the existing preselect (23039) – Science Area
     - Reduce Science Area from 16 credits to 11 credits by removing from program only
       - BSC 1005 - General Education Biology   (3 credits)
       - BSC 1005L - General Education Biology Laboratory   (1 credits)
       - PHY 1004 - Physics with Applications 1   (3 credits)
       - PHY 1004L - Physics with Applications 1 Lab   (1 credits)
     - And adding to the Science Area
       - PHY 1020 - General Education Physics   (3 credits)
         or PHY1025 – Basic Physics   (3 credits)

Modification to the existing in-program (23038)

- o Reduce Semester 2 – from 12 credits to 11 credits
    - ▪ Remove: SON 2931L - Film Critique 1   (1 credits)
- o Reduce Semester 3 – from 6 credits to 5 credits
    - ▪ Remove: SON 2932L - Film Critique 2   (1 credits)
- o Reduce Semester 4 – from 12 credits to 11 credits
    - ▪ Remove: SON 2933L - Film Critique 3   (1 credits)
- o Reduce Semester 5 – from 10 credits to 8 credits
    - ▪ Remove: SON 2910L - Directed Research   (1 credits)
    - ▪ Remove: SON 2934L - Film Critique 4   (1 credits)
- o Reduce Semester 6 – from 5 credits to 4 credits
    - ▪ Remove: SON 2950L - Journal Review   (1 credits)

Motion 2:   **The School of Health Sciences is requesting a course title change (only) for SON 2935L - Film Critique 5.**

Course Title Modifications

From: SON2935L   Film Critique 5 (1 credit)
To: SON2935L   Film Critique (1 credit)

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- **New Program**
  Program Title: Fire Fighter / Emergency Medical Technician
  Degree Type: Career Technical Certificate (CTC)
  Program Length: 750 Clock Hours/25 Credit Hours
  Effective Date: August 2017
  Affected Campus(es): North/Medical

  Administrator(s): Donna Fishkin/Karls Paul-Noel
  Faculty:

  Motion 1: **The School of Justice, Public Safety and Law Studies in conjunction with the School of Health Sciences is requesting the development of an existing state approved Career Technical Certificate (CTC) in Fire Fighter / Emergency Medical Technician (EMT).**

  Add New Course

  Motion 2: **The School of Health Sciences is proposing the development of one (1) new courses for the proposed Career Technical Certificate (CTC) in Fire Fighter / Emergency Medical Technician (EMT).**

Course	*Title*	*Credits*
EMS0110	Emergency Medical Technician	300 clock hours/10.0

- **State Mandated Program Modification**
  Program Title: Emergency Medical Technician
  Degree Type: College Credit Certificate (CCC)
  Program Length: 11 Credit Hours
  Effective Date: August 2017
  Affected Campus(es): Medical

  Administrator(s): Donna Fishkin/Fabio Nascimento
  Faculty:

  Motion 1: **In response to the FLDOE 2016-2017 Change Document, the School of Health Sciences is increasing the Emergency Medical Technician College Credit Certificate (CCC) program length from 11 to 12 credits.**

  Modification to the existing certificate (In-Program 63013)
  - Increase Major Core Requirements from 9 credits to 10 credits.

  Motion 2: **The School of Health Sciences is requesting a course credit change (*only*) for EMS 1119L - Emergency Medical Technician Lab and Clinic.**

  Course Modifications
  From: EMS 1119L - Emergency Medical Technician Lab and Clinic (2 credits)
  To: EMS 1119L - Emergency Medical Technician Lab and Clinic (3 credits)

6. **Translation & Interpretation Studies**
   - **State Mandated Program Modification**
Program Title:	Translation & Interpretation Studies
Degree Type:	Associate in Science (AS)
Program Length:	63 Credit Hours
Effective Date:	August 2017
Affected Campus(es):	North, Wolfson, Kendall, Homestead, InterAmerican, Hialeah, MDC-West, Centers, all off campus sites, at Honors level and through Distance Education.

Administrator(s):	O. Loretta Ovueraye
Faculty:	Ricardo Bardo-Portilla

Motion 1:	**In response to the Florida Department of Education (FLDOE) Change Document 2016-17, the AS in Translation and Interpretation Studies is being reduced from 63credits to 60 credits.**

In consultation with the faculty, the following action is being taken:

Modification to the existing program (24050)
- Reduce Major Core Requirements from 48 credits to 45 credits.
  - Group D: Reduce from 39 credits to 36 credits
    - Create an option between ENC1102 and SPC2608.

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

Detailed Agenda

3.   Approval of Minutes June 13, 2017

VOTE:	**UNANIMOUS APPROVAL**
IN FAVOR	**31**
OPPOSED	**0**
ABSTAINED	**0**

Curriculum Requiring Approval

4.   Mathematics Discipline

- **Existing Course Modification**

Effective Date:	August 2017
Affected Campus(es):	North, Wolfson, Kendall, Homestead, InterAmerican, Hialeah, MDC-West, Centers, all off campus sites, at Honors level and through Distance Education.
Administrator(s):	John Adkins/Nicholas Schur
Faculty:	

Motion 1:   **The Mathematics Discipline is requesting to modify three (3) developmental education courses to align with current delivery practices at the college.**

Course Modifications

MAT0018 – Developmental Mathematics 1
From: 2 hr. lecture; 4 hr. lab
To: 4 hr. lecture

MAT0022 – Developmental Mathematics Combined
From: 2 hr. lecture; 4 hr. lab
To: 5 hr. lecture

MAT0028 – Developmental Mathematics 2
From: 2 hr. lecture; 4 hr. lab
To: 4 hr. lecture

VOTE:	**UNANIMOUS APPROVAL**
IN FAVOR	**31**
OPPOSED	**0**
ABSTAINED	**0**

5.   School of Business

- **State Mandated Program Deletion**
  Program Title: Real Estate Sales Agent and Real Estate Broker
  Degree Type: Career Technical Certificate (CTC)
  Effective Date: August 2017
  Affected Campus(es):   North, Wolfson, Kendall, Homestead, InterAmerican, Hialeah, MDC-West, Centers, all off campus sites, at Honors level and through Distance Education.

  Administrator(s):   John Adkins/Cynthia Okoe
  Faculty:

  Motion 1:   **In response to the Florida Department of Education (FLDOE) Change Document 2017-18, the School of Business is requesting the sunsetting of the CTC's in Real Estate Sales Agent and Real Estate Broker and corresponding courses.**

  ### Course Deletion

Course	*Title*
REE0035	Mathematics for Real Estate
REE0044	Real Estate Sale
REE0301	Real Estate Post-Licensing Brokers 2
REE0801	Real Estate Post-Licensing Brokers 1
REE0802	Broker Estate Broker's License Exam Preparation

  VOTE: **UNANIMOUS APPROVAL**
  IN FAVOR   **31**
  OPPOSED   **0**
  ABSTAINED   **0**

6.   School of Justice, Public Safety and Law Studies

- **New Program**
  Program Title: Computer Crime Investigation
  Degree Type: Associate in Science (AS)
  Program Length: 60 Credit Hours
  Effective Date: August 2017
  Affected Campus(es):   North, Wolfson, Kendall, Homestead, InterAmerican, Hialeah, MDC-West, Centers, all off campus sites, at Honors level and through Distance Education.

  Administrator(s):   Raimundo Socorro/Anselm Knights
  Faculty:

  Motion 1:   **The School of Justice, Public Safety and Law Studies is requesting the development of an existing state approved Associate in Science (AS) in Computer Crime Investigations.**

  VOTE: **UNANIMOUS APPROVAL**
  IN FAVOR   **31**
  OPPOSED   **0**
  ABSTAINED   **0**

Program Title:	**Computer Related Crime Investigation (60 Credits)**	
CIP:	**1743011601**	
Degree Type:	**Associate in Science Degree (AS)**	

GENERAL EDUCATION AREA (15 CREDITS)

1. COMMUNICATIONS (3.00 credits)

ENC 1101	English Composition 1	(3 credits)

2. HUMANITIES (3.00 credits)

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

3. BEHAVIORAL/SOCIAL SCIENCE (3.00 credits)

ECO 2013 - Principles of Economics (Macro)		(3 credits)

4. NATURAL SCIENCE (3.00 credits)

BSC 1005 - General Education Biology	(3 credits)
CHM 1020 - General Education Chemistry	(3 credits)
PHY 1020 - General Education Physics	(3 credits)

5. MATHEMATICS (3.00 credits)

MAC 1105 - College Algebra	(3 credits)

COMPUTER COMPETENCY REQUIREMENT

Computer Competency Test (CCT)

---Or---

CGS 1060C – Introduction to Computer Technology & Applications

MAJOR COURSE REQUIREMENTS (30 credits)

CCJ 1020	Introduction to Criminal Justice	(3credits)
CCJ 1191	Human Behavior in Criminal Justice	(3 credits)
CJE 1680	Introduction to Computer Crimes	(3 credits)
CJE 2600	Criminal Investigations	(3 credits)
CJL 1100	Criminal Law	(3 credits)
CJL 2062	Constitutional Law & Legal Procedure	(3 credits)
CET 2664C	**Electronic Security**	**(4 credits)**
CET 2880C	**Digital Forensics**	**(4 credits)**
CET 2369C	**Embedded Hardware Programming**	**(4 credits)**
OR		
COP 2270	"C" for Engineers	(4 credits)

MAJOR COURSE ELECTIVES (15 credits)

CGS 1060C	Introduction to Computer Technology & Applications	(4 credits)
CGS 1540C	Database design	(4 credits)
CET 2369C	**Embedded Hardware Programming**	**(4 credits)**
COP 1334	Introduction to C++	(4 credits)
COP 2270	"C" for Engineers	(4 credits)
CTS 1134	Networking Fundamentals	(4 credits)
MAT 1033	Intermediate Algebra	(3 credits)

7. **School of Engineering, Technology & Design**

- **New Program**

Program Title:	Digital Forensics
Degree Type:	College Credit Certificate (CCC)
Program Length:	24 Credit Hours
Effective Date:	August 2017
Affected Campus(es):	North, Wolfson, Kendall, Homestead, InterAmerican, Hialeah, MDC-West, Centers, all off campus sites, at Honors level and through Distance Education.
Administrator(s):	Antonio Delgado/Anselm Knights
Faculty:	

Motion 1: **The School of Engineering, Technology and Design is requesting the development of an existing state approved College Credit Certificate (CCC) in Digital Forensics.**

VOTE:	UNANIMOUS APPROVAL
IN FAVOR	31
OPPOSED	0
ABSTAINED	0

Program Title:	**Digital Forensics (24 Credits)**
CIP:	**0511100119**
Degree Type:	**College Credit Certificate (CCC)**

MAJOR COURSE REQUIREMENTS (credits)

CCJ 1020	Introduction to Criminal Justice	(3credits)
CCJ 1191	Human Behavior in Criminal Justice	(3 credits)
CET 2664C	**Electronic Security**	**(4 credits)**
CET 2880C	**Digital Forensics**	**(4 credits)**
CJE 1680	Introduction to Computer Crimes	(3 credits)
CJL 2062	Constitutional Law & Legal Procedure	(3 credits)
CET 2369C	**Embedded Hardware Programming**	**(4 credits)**
---Or---		
COP 2270	"C" for Engineers	(4 credits)

Add New Courses

<mark>**Motion 2:**   **The School of Engineering, Technology and Design is proposing the development of three (3) new courses for the proposed Computer Crime Investigation (AS) degree and Digital Forensics (CCC) certificate.**</mark>

Course No.	Course Title	Credits	Campus	Eff. Date
CET2369C	Embedded Programming	4	1, 2, 3,5,6,7, Ctr.	August 2017

Course Description: This course is intended for students majoring in Computer Engineering Technology, Electronics Engineering Technology, or any engineering discipline. Students will learn how to use object oriented programming to analyze, design and code programs to solve engineering related hardware problems. Pre/Corequisite: MAC1105 (3 hr. lecture 2 hr. lab)

Curriculum Action Rationale: This course is a new course created in support of both the new AS degree in Computer related crimes and the AS Computer Engineering Technology degree.

Course No.	Course Title	Credits	Campus	Eff. Date
CET2664C	Electronic Security	4	1, 2, 3,5,6,7, Ctr.	August 2017

Course Description: This is an introductory electronic security course for students who are studying cybersecurity, electronics or computer engineering technologies. The student will study information and communication security in computer systems and networks. Both information flow and information integrity policies will be considered. Topics will include authentication, protection, security models, cryptography, applications, and public policy, along with case studies. Prerequisite: COP2270, CET2369C (2 hr. lecture 4 hr. lab)

Curriculum Action Rationale: This course is a new course created in support of both the new AS degree in Computer related crimes and the AS Computer Engineering Technology degree.

Course No.	Course Title	Credits	Campus	Eff. Date
CET2880C	Digital Forensic	4	1, 2, 3,5,6,7, Ctr.	August 2017

Course Description: This is an introductory digital forensics course for students who are studying cybersecurity, electronics or computer engineering technologies. In this course, students will learn the setup and use of an investigator's laboratory, how to perform data acquisition, web forensics, email forensics, mobile forensics, network analysis, and file recovery. Prerequisite: CET2664C, COP2270 (2 hr. lecture 4 hr. lab)

Curriculum Action Rationale: This course is a new course created in support of both the new AS degree in Computer related crimes and the AS Computer Engineering Technology degree.

VOTE:	**UNANIMOUS APPROVAL**
IN FAVOR	**31**
OPPOSED	**0**
ABSTAINED	**0**

- **Add New Courses**
  Effective Date: August 2017
  Affected Campus(es):   North, Wolfson, Kendall, Homestead, InterAmerican, Hialeah, MDC-West, Centers, all off campus sites, at Honors level and through Distance Education.

  Administrator(s):   Antonio Delgado/Anselm Knights
  Faculty:

<mark>**Motion 3:**   **The School of Engineering, Technology, and Design is proposing the development of three (3) new cyber security courses design to meet industry demand and vendor/industry certification.**</mark>

Course No.	Course Title	Credits	Campus	Eff. Date
CTS2670	Check Point Security Administration	4	1, 2, 3,5,6,7, Ctr.	August 2017

Course Description: This course, designed for students specializing in network security, prepares students for the Check Point Certified Security Administrator (CCSA) certification exam. Students will learn how to install security gateways; configure rules on servers; create a rule base; assign user permissions; schedule backups and upgrades; monitor and troubleshoot common network traffic. Prerequisite: CTS1134, CTS1120) (3 hr. lecture 2 hr. lab)

Curriculum Action Rationale: New course designed to meet industry demand and to meet vendor certification.

Proposed Fee: $63.00

Rationale/Justification: New course requires laboratory personnel and equipment. Projected enrollment of 24 students per section is based on historically observed enrollment trend for a comparable program. Fees are calculated based on 6 sections of 24 students for courses CTS2670, CTS2671, CTS2664. All 3 courses will be offered once per major semester on two different campuses = 6 sections in total.

Course No.	Course Title	Credits	Campus	Eff. Date
CTS2671	Check Point Security Engineering	4	1, 2, 3,5,6,7, Ctr.	August 2017

Course Description: This course, for students specializing in network security, prepares students for the Check Point Certified Security Expert (CCSE) certification examination. Students learn how to configure, build, modify, deploy and troubleshoot a secure network utilizing firewall technologies. Topics include clustering, software acceleration, advanced VPN concepts and implementation, and monitoring and reporting tools. Prerequisite: CTS1120, CTS1134, CTS2XXX (3 hr. lecture 2 hr. lab)

Curriculum Action Rationale: New course designed to meet industry demand and to meet vendor certification.

Proposed Fee: $63.00

Rationale/Justification: New course requires laboratory personnel and equipment. Projected enrollment of 24 students per section is based on historically observed enrollment trend for a comparable program. Fees are calculated based on 6 sections of 24 students for courses CTS2670, CTS2671, CTS2664. All 3 courses will be offered once per major semester on two different campuses = 6 sections in total.

VOTE:	**UNANIMOUS APPROVAL**
IN FAVOR	**31**
OPPOSED	**0**
ABSTAINED	**0**

Course No.	Course Title	Credits	Campus	Eff. Date
CTS2664	CISCO Certified Network Associate (CCNA) Security	4	1, 2, 3,5,6,7, Ctr.	August 2017

Course Description: This course is designed for students specializing in Cisco Network Security. Students will learn how to master core security concepts, secure network infrastructure, manage secure access, recognize threats and vulnerabilities, and mitigate security threats. The course prepares students for the Cisco IINS Exam 210-260 certification. Prerequisite: CTS1651 (3 hr. lecture 2 hr. lab)

Curriculum Action Rationale: New course designed to meet industry demand and CISCO Security Technicians Certification.

Proposed Fee: $63.00

Rationale/Justification: New course requires laboratory personnel and equipment. Projected enrollment of 24 students per section is based on historically observed enrollment trend for a comparable program. Fees are calculated based on 6 sections of 24 students for courses CTS2670, CTS2671, CTS2664. All 3 courses will be offered once per major semester on two different campuses = 6 sections in total.

VOTE:	UNANIMOUS APPROVAL
IN FAVOR	31
OPPOSED	0
ABSTAINED	0

- **AS in Music Business Program Modifications**

Track Title:	Business Management (25019)
	Creative Performance (25043)
	Creative Production (25044)
Effective Date:	August 2017
Affected Campus(es):	North, Wolfson, Kendall, Homestead, InterAmerican, Hialeah, MDC-West, Centers, all off campus sites, at Honors level and through Distance Education.
Administrator(s):	Antonio Delgado
Faculty:	Richard Rose

Motion 1: **The Music Business program is requesting modifications to the Associate in Science (AS) in Music Business and associated tracks in order to align with current delivery practices at the college.**

Program Modification to Area 8 – Major Core Requirements: Group B

Remove: COP 2822 - Web Page Design and Programming (4 credits)
FROM PROGAM ONLY
Add: CTS 1800 - Introduction to Web Page Development (4 credits)

VOTE:	UNANIMOUS APPROVAL
IN FAVOR	31
OPPOSED	0
ABSTAINED	0

All Music Business programs currently require that students complete COP 2822 to fulfill their Area 8 Major Course Requirement obligation. Because the course competencies of COP 2822 were changed to better serve students in the computer sciences, CTS 1800 was created by the Computer Science Department to satisfy the Music Business requirement. For over 6 years, since the time that CTS 1800 was added to the curriculum, we have submitted Course Substitution forms to The Office of the Registrar so that Music Business students' degree requirements would be satisfied with the completion of CTS 1800.

The process of submitting Course Substitution forms as described above creates unnecessary administrative effort and often negatively impacts our completion rates when Course Substitution request processing is delayed.

We are requesting that CTS 1800 replace the COP 2822 Area 8 Major Course Requirement in following AS Music Business Tracks:
- AS in Music Business – Business Management Track (25019)
- AS in Music Business – Creative Performance Track (25043)
- AS in Music Business – Creative Production Track (25044)

Program Modification to Area 8 – Major Core Requirements: Group B

CURRENT VIEW

MAJOR COURSE REQUIREMENTS (13.00 credits)
Must take 9.0 credits from the following group.

GEB 1011	Principles of Business	(3 credits)
MAR 1011	Principles of Marketing	(3 credits)
SBM 1000	Small Business Management	(3 credits)

- - - And - - -
Must take 4.0 credits from the following group.

~~COP 2822~~	~~Web Page Design and Programming~~	~~(4 credits)~~
CTS 1800	Introduction to Web Page Development	(4 credits)

PROPOSED VIEW

MAJOR COURSE REQUIREMENTS (13.00 credits)
Must take 9.0 credits from the following group.

GEB 1011	Principles of Business	(3 credits)
MAR 1011	Principles of Marketing	(3 credits)
SBM 1000	Small Business Management	(3 credits)

- - - And - - -
Must take 4.0 credits from the following group.

CTS 1800	Introduction to Web Page Development	(4 credits)

8. **School of Health Sciences**

- **State Mandated Program Modification**

Program Title:	Diagnostic Medical Sonography
Degree Type:	Associate in Science (AS)
Program Length:	88 Credit Hours
Effective Date:	August 2017
Affected Campus(es):	Medical
Administrator(s):	Donna Fishkin/Debra Shannon
Faculty:	Dalia Sanchez-Suarez

  Motion 1: **In response to the FLDOE 2017-2018 Change Document, the School of Health Sciences is reducing the AS in Diagnostic Medical Sonography program length from 88 to 77.**

  Modification to the existing preselect (23039) – Science Area
  - Reduce Science Area from 16 credits to 11 credits by removing from program only
    - BSC 1005 - General Education Biology   (3 credits)
    - BSC 1005L - General Education Biology Laboratory   (1 credits)
    - PHY 1004 - Physics with Applications 1   (3 credits)
    - PHY 1004L - Physics with Applications 1 Lab   (1 credits)
  - And adding to the Science Area
    - PHY 1020 - General Education Physics   (3 credits)
      or PHY1025 – Basic Physics   (3 credits)

  Modification to the existing in-program (23038)
  - Reduce Semester 2 – from 12 credits to 11 credits
    - Remove: SON 2931L - Film Critique 1   (1 credits)
  - Reduce Semester 3 – from 6 credits to 5 credits
    - Remove: SON 2932L - Film Critique 2   (1 credits)
  - Reduce Semester 4 – from 12 credits to 11 credits
    - Remove: SON 2933L - Film Critique 3   (1 credits)
  - Reduce Semester 5 – from 10 credits to 8 credits
    - Remove: SON 2910L - Directed Research   (1 credits)
    - Remove: SON 2934L - Film Critique 4   (1 credits)
  - Reduce Semester 6 – from 5 credits to 4 credits
    - Remove: SON 2950L - Journal Review   (1 credits)

  Motion 2: **The School of Health Sciences is requesting a course title change (only) for SON 2935L - Film Critique 5.**

  Course Title Modifications
  From: SON2935L   Film Critique 5 (1 credit)
  To: SON2935L   Film Critique (1 credit)

VOTE: **UNANIMOUS APPROVAL**
IN FAVOR   **31**
OPPOSED   **0**
ABSTAINED   **0**

ASSOCIATE IN SCIENCE DEGREE

PROGRAM OF STUDY: DIAG MED SONOGRAPHY SPECIALIST-PRESELECT (23039)...CURRENT

GENERAL EDUCATION REQUIREMENTS – 15 CREDITS REQUIRED

ENC 1101 - English Composition 1 (3 credits)

SPC 1017 - Fundamentals of Speech Communication (3 credits)

PHI 2604 - Critical Thinking/Ethics (3 credits)

CLP 1006 - Psychology of Personal Effectiveness (3 credits)

MAC 1105 - College Algebra (3 credits)

COMPUTER COMPETENCY

Test type(s) needed:

       Computer Competency Test (CCT)

       OR

       CGS 1060C – Introduction to Computer Technology & Applications

SCIENCE (~~16~~11.00 credits)

       ~~BSC 1005 - General Education Biology (3 credits)~~

       ~~BSC 1005L - General Education Biology Laboratory (1 credits)~~

       BSC 2085 - Human Anatomy and Physiology 1 (3 credits)

       BSC 2085L - Human Anatomy and Physiology 1 Laboratory (1 credits)

       BSC 2086 - Human Anatomy & Physiology 2 (3 credits)

       BSC 2086L - Human Anatomy & Physiology 2 Laboratory (1 credits)

       ~~PHY 1004 - Physics with Applications 1 (3 credits)~~

       ~~PHY 1004L - Physics with Applications 1 Lab (1 credits)~~

       PHY 1020 - General Education Physics (3 credits)

ASSOCIATE IN SCIENCE DEGREE
PROGRAM OF STUDY: DIAG MED SONOGRAPHY SPECIALIST-PRESELECT (23039)…PROPOSED

GENERAL EDUCATION REQUIREMENTS – 15 CREDITS REQUIRED
ENC 1101 - English Composition 1 (3 credits)
SPC 1017 - Fundamentals of Speech Communication (3 credits)
PHI 2604 - Critical Thinking/Ethics (3 credits)
CLP 1006 - Psychology of Personal Effectiveness (3 credits)
MAC 1105 - College Algebra (3 credits)

COMPUTER COMPETENCY
Test type(s) needed:
       Computer Competency Test (CCT)
       OR
       CGS 1060C – Introduction to Computer Technology & Applications

SCIENCE (11.00 credits)
BSC 2085 - Human Anatomy and Physiology 1 (3 credits)
BSC 2085L - Human Anatomy and Physiology 1 Laboratory (1 credits)
BSC 2086 - Human Anatomy & Physiology 2 (3 credits)
BSC 2086L - Human Anatomy & Physiology 2 Laboratory (1 credits)
PHY 1020 - General Education Physics (3 credits)
or PHY1025 – Basic Physics (3 credits)

ASSOCIATE IN SCIENCE DEGREE

PROGRAM OF STUDY: DIAGNOSTIC MEDICAL SONOGRAPHY SPECIALIST (23039)...CURRENT

GENERAL EDUCATION REQUIREMENTS – 15 CREDITS REQUIRED
ENC 1101 - English Composition 1 (3 credits)
SPC 1017 - Fundamentals of Speech Communication (3 credits)
PHI 2604 - Critical Thinking/Ethics (3 credits)
CLP 1006 - Psychology of Personal Effectiveness (3 credits)
MAC 1105 - College Algebra (3 credits)

COMPUTER COMPETENCY
Test type(s) needed:
 Computer Competency Test (CCT)
OR
CGS 1060C – Introduction to Computer Technology & Applications

SCIENCE (~~16~~11.00 credits)
~~BSC 1005 - General Education Biology (3 credits)~~
~~BSC 1005L - General Education Biology Laboratory (1 credits)~~
BSC 2085 - Human Anatomy and Physiology 1 (3 credits)
BSC 2085L - Human Anatomy and Physiology 1 Laboratory (1 credits)
BSC 2086 - Human Anatomy & Physiology 2 (3 credits)
BSC 2086L - Human Anatomy & Physiology 2 Laboratory (1 credits)
~~PHY 1004 - Physics with Applications 1 (3 credits)~~
~~PHY 1004L - Physics with Applications 1 Lab (1 credits)~~
PHY 1020 - General Education Physics (3 credits)

FIRST TERM IN PROGRAM (12.00 credits)
SON 1000L - Introduction to Sonography 1 (1 credits)
SON 1006L - Professional Aspects of Sonography (1 credits)
SON 1100L - Principles of Protocols of Imaging (2 credits)
SON 1111C - Abdominal Sonography 1 (2 credits)
SON 1113L - Sonography Cross Sectional Anatomy (2 credits)
SON 1121C - Obstetrics/Gynecology Sonography 1 (2 credits)
SON 1804 - Clinic 1 (2 credits)

SECOND TERM IN PROGRAM (~~12~~11.00 credits)
SON 1001L - Introduction to Sonography 2 (1 credits)
SON 1005L - Basic Sonography (2 credits)
SON 1112C - Abdominal Sonography 2 (2 credits)
SON 1122C - Obstetrics/Gynecology Sonography 2 (2 credits)
SON 1814 - Clinic 2 (2 credits)
SON 2400C - Echocardiography 1 (2 credits)
~~SON 2931L - Film Critique 1 (1 credits)~~

THIRD TERM IN PROGRAM (~~6~~ 5.00 credits)

SON 1141C - Small Parts Sonography (2 credits)
SON 1824 - Clinic 3 (3 credits)
~~SON 2932L - Film Critique 2 (1 credits)~~

FOURTH TERM IN PROGRAM (~~12~~ 11.00 credits)

SON 1115L - Duplex Abdominal Sonography (1 credits)
SON 1145L - Pediatric Sonography (1 credits)
SON 2139L - Cardiovascular Principles (1 credits)
SON 2161C - Neurosonography (2 credits)
SON 2401C - Echocardiography 2 (2 credits)
SON 2614C - Acoustical Physics and Instrumentation 1 (2 credits)
SON 2834 - Clinic 4 (2 credits)
~~SON 2933L - Film Critique 3 (1 credits)~~

FIFTH TERM IN PROGRAM (~~10~~ 8.00 credits)

SON 2618C - Acoustical Physics and Instrumentation 2 (2 credits)
SON 2619C - Doppler Principles and Instrumentation (2 credits)
~~SON 2934L - Film Critique 4 (1 credits)~~
SON 2844 - Clinic 5 (3 credits)
~~SON 2910L - Directed Research (1 credits)~~
SON 2930L - Seminar in Sonography (1 credits)

SIXTH TERM IN PROGRAM (~~5~~ 4.00 credits)

SON 2854 - Clinic 6 (3 credits)
SON 2935L - Film Critique ~~5~~ (1 credits)
~~SON 2950L - Journal Review (1 credits)~~

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ASSOCIATE IN SCIENCE DEGREE
PROGRAM OF STUDY: DIAGNOSTIC MEDICAL SONOGRAPHY SPECIALIST (23039)...PROPOSED

GENERAL EDUCATION REQUIREMENTS – 15 CREDITS REQUIRED
ENC 1101 - English Composition 1 (3 credits)
SPC 1017 - Fundamentals of Speech Communication (3 credits)
PHI 2604 - Critical Thinking/Ethics (3 credits)
CLP 1006 - Psychology of Personal Effectiveness (3 credits)
MAC 1105 - College Algebra (3 credits)

COMPUTER COMPETENCY
Test type(s) needed:
 Computer Competency Test (CCT)
OR
CGS 1060C – Introduction to Computer Technology & Applications

SCIENCE (11.00 credits)
BSC 2085 - Human Anatomy and Physiology 1 (3 credits)
BSC 2085L - Human Anatomy and Physiology 1 Laboratory (1 credits)
BSC 2086 - Human Anatomy & Physiology 2 (3 credits)
BSC 2086L - Human Anatomy & Physiology 2 Laboratory (1 credits)
PHY 1020 - General Education Physics (3 credits)
or PHY 1025 – Basic Physics (3 credits)

FIRST TERM IN PROGRAM (12.00 credits)
SON 1000L - Introduction to Sonography 1 (1 credits)
SON 1006L - Professional Aspects of Sonography (1 credits)
SON 1100L - Principles of Protocols of Imaging (2 credits)
SON 1111C - Abdominal Sonography 1 (2 credits)
SON 1113L - Sonography Cross Sectional Anatomy (2 credits)
SON 1121C - Obstetrics/Gynecology Sonography 1 (2 credits)
SON 1804 - Clinic 1 (2 credits)

SECOND TERM IN PROGRAM (11.00 credits)
SON 1001L - Introduction to Sonography 2 (1 credits)
SON 1005L - Basic Sonography (2 credits)
SON 1112C - Abdominal Sonography 2 (2 credits)
SON 1122C - Obstetrics/Gynecology Sonography 2 (2 credits)
SON 1814 - Clinic 2 (2 credits)
SON 2400C - Echocardiography 1 (2 credits)

THIRD TERM IN PROGRAM (5.00 credits)
SON 1141C - Small Parts Sonography (2 credits)
SON 1824 - Clinic 3 (3 credits)

FOURTH TERM IN PROGRAM (11.00 credits)
SON 1115L - Duplex Abdominal Sonography (1 credits)

FOURTH TERM IN PROGRAM (11.00 credits)

SON 1115L - Duplex Abdominal Sonography (1 credits)

SON 1145L - Pediatric Sonography (1 credits)

SON 2139L - Cardiovascular Principles (1 credits)

SON 2161C - Neurosonography (2 credits)

SON 2401C - Echocardiography 2 (2 credits)

SON 2614C - Acoustical Physics and Instrumentation 1 (2 credits)

SON 2834 - Clinic 4 (2 credits)

FIFTH TERM IN PROGRAM (8.00 credits)

SON 2618C - Acoustical Physics and Instrumentation 2 (2 credits)

SON 2619C - Doppler Principles and Instrumentation (2 credits)

SON 2844 - Clinic 5 (3 credits)

SON 2930L - Seminar in Sonography (1 credits)

SIXTH TERM IN PROGRAM (4.00 credits)

SON 2854 - Clinic 6 (3 credits)

SON 2935L - Film Critique (1 credits)

- **New Program**
  Program Title: Fire Fighter / Emergency Medical Technician
  Degree Type: Career Technical Certificate (CTC)
  Program Length: 750 Clock Hours/25 Credit Hours
  Effective Date: August 2017
  Affected Campus(es): North/Medical

  Administrator(s): Donna Fishkin/ Karls Paul-Noel
  Faculty:

Motion 1: **The School of Justice, Public Safety and Law Studies in conjunction with the School of Health Sciences is proposing the development of an existing state approved Career Technical Certificate (CTC) in Fire Fighter / Emergency Medical Technician (EMT).**

Add New Course

Motion 2: **The School of Health Sciences is proposing the development of one (1) new courses for the proposed Career Technical Certificate (CTC) in Fire Fighter / Emergency Medical Technician (EMT).**

Course No.	Course Title	Credits	Campus	Eff. Date
EMS0110	Emergency Medical Technician	300 hrs/10	4	August 2017

Course Description: The Emergency Medical Technician (EMT) course prepares students to provide pre-hospital assessment and care for patients of all ages with a variety of medical conditions and traumatic injuries. Areas of study include an introduction to emergency medical services systems, roles and responsibilities of EMTS, anatomy and physiology, medical emergencies, trauma, special considerations for working in the pre-hospital setting, and providing patient transportation.

Curriculum Action Rationale: New course being developed as part of the proposed CTC in Fire Fighter/EMT certificate.

Program Title: **Fire Fighter/ Emergency Medical Technician- Combined**
Program Length: **750 Hours/25 Credits**
CIP: **0743020312**
Degree Type: **Career Technical Certificate (CTC)**

MAJOR COURSE REQUIREMENTS (credits)

EMS0110	**Emergency Medical Technician**	**300 Hours/10 Credits**
FFP0021	Fire Fighter Minimum Standards	450 Hours/15 Credits

VOTE:	UNANIMOUS APPROVAL
IN FAVOR	31
OPPOSED	0
ABSTAINED	0

- **State Mandated Program Modification**
  Program Title: Emergency Medical Technician
  Degree Type: College Credit Certificate (CCC)
  Program Code: 63028
  Program Length: 11 Credit Hours
  Effective Date: August 2017
  Affected Campus(es): Medical

  Administrator(s): Donna Fishkin/Fabio Nascimento
  Faculty:

  Motion 1: **In response to the FLDOE 2016-2017 Change Document, the School of Health Sciences is increasing the Emergency Medical Technician College Credit Certificate (CCC) program length from 11 to 12 credits.**

Modification to the existing certificate (In-Program 63013)
- Increase Major Core Requirements from 9 credits to 10 credits.

  Motion 2: **The School of Health Sciences is requesting a course credit change (*only*) for EMS 1119L - Emergency Medical Technician Lab and Clinic.**

Course Modifications
From: EMS 1119L - Emergency Medical Technician Lab and Clinic (2 credits)
To: EMS 1119L - Emergency Medical Technician Lab and Clinic (3 credits)

VOTE: **UNANIMOUS APPROVAL**
IN FAVOR **31**
OPPOSED **0**
ABSTAINED **0**

CURRENT

COLLEGE CREDIT CERTIFICATE

PROGRAM OF STUDY: EMERGENCY MEDICAL TECHNICIAN - BASIC (63028)

MAJOR COURSE ELECTIVES (2.00 credits)

EMS 1059	1st Responder Emergency Care	(1 credits)
EMS 1059L	1st Responder Emergency Care Laboratory	(1 credits)
---or---		
EMS 9995	First Responder	(2 credits)

MAJOR COURSE REQUIREMENTS (910.00 credits)

EMS 1119	Emergency Medical Technician	(4 credits)
EMS 1119L	Emergency Medical Technician Lab and Clinic	(2-3 credits)
EMS 1431	EMT Hospital/Field Experience	(3 credits)

PROPOSED

COLLEGE CREDIT CERTIFICATE

PROGRAM OF STUDY: EMERGENCY MEDICAL TECHNICIAN - BASIC (63028)

MAJOR COURSE ELECTIVES (2.00 credits)

EMS 1059	1st Responder Emergency Care	(1 credits)
EMS 1059L	1st Responder Emergency Care Laboratory	(1 credits)
---or---		
EMS 9995	First Responder	(2 credits)

MAJOR COURSE REQUIREMENTS (10.00 credits)

EMS 1119	Emergency Medical Technician	(4 credits)
EMS 1119L	Emergency Medical Technician Lab and Clinic	(3 credits)
EMS 1431	EMT Hospital/Field Experience	(3 credits)

9. Translation & Interpretation Studies

- **State Mandated Program Modification**
  Program Title: Translation & Interpretation Studies
  Degree Type: Associate in Science (AS)
  Program Length: 63 Credit Hours
  Effective Date: August 2017
  Affected Campus(es): North, Wolfson, Kendall, Homestead, InterAmerican, Hialeah, MDC-West, Centers, all off campus sites, at Honors level and through Distance Education.

  Administrator(s): O. Loretta Ovueraye
  Faculty: Ricardo Bardo-Portilla

  Motion 1: **In response to the Florida Department of Education (FLDOE) Change Document 2016-17, the AS in Translation and Interpretation Studies is being reduced from 63credits to 60 credits.**

In consultation with the faculty, the following action is being taken:

Modification to the existing program (24050)
- Reduce Major Core Requirements from 48 credits to 45 credits.
  - Group D: Reduce from 39 credits to 36 credits
    - Create an option between ENC1102 and SPC2608.

VOTE: **UNANIMOUS APPROVAL**
IN FAVOR **31**
OPPOSED **0**
ABSTAINED **0**

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CURRENT
ASSOCIATE IN SCIENCE DEGREE
PROGRAM OF STUDY: TRANSLATION-INTERPRETATION STUDIES (24050)

GENERAL EDUCATION REQUIREMENTS – 15 CREDITS REQUIRED

COMMUNICATIONS (3.00 credits)
ENC 1101 - English Composition 1 (3 credits)

ORAL COMMUNICATIONS (3.00 credits)
SPC 1017 - Fundamentals of Speech Communication (3 credits)

HUMANITIES (3.00 credits)
PHI 2604 - Critical Thinking/Ethics (3 credits)

BEHAVIORAL/SOCIAL SCIENCE (3.00 credits)
CLP 1006 - Psychology of Personal Effectiveness (3 credits)

MATH/SCIENCE (3.00 credits)
BOT*, BSC*, CHM*, GLY*, MAC*, MAD*, MAP*, MAS*, MCB*, MET*, MGF*, OCE*, PHY*, PSC*, QMB*, STA*, ZOO*
AST 1002 - Descriptive Astronomy (3 credits)
HUN 1201 - Essentials of Human Nutrition (3 credits)
PCB 2033 - Introduction to Ecology (3 credits)

COMPUTER COMPETENCY
Test type(s) needed:
Computer Competency Test (CCT)
---**or**---
CGS 1060C – Introduction to Computer Technology & Application

MAJOR COURSE REQUIREMENTS – ~~48~~ 45 CREDITS REQUIRED
Must take 3.0 credits from the following group.
HAI 2341 - Haitian-Creole for Native Speakers 2 (3 credits)
SPN 2341 - Spanish for Native Speakers 2 (3 credits)

- - - **And** - - -

Must take 3.0 credits from the following group.
HAT 2802 - Contrastive Analysis: Haitian/Creole (3 credits)
SPT 2842 - Contrastive Analysis Spanish/English (3 credits)

- - - **And** - - -

Must take 3.0 credits from the following group.
HCW 2020 - Selected Readings in Haitian-Creole Literature 3 (3 credits)
SPW 2020 - Selected Readings in Latin American Literature (3 credits)

- - - And - - -

Must take ~~39~~36.0 credits from the following group.
ENC 1102 - English Composition 2 (3 credits)
FOT 2802 - Introduction to Translation (3 credits)
FOT 2821 - Introduction to Interpretation (3 credits)
FOT 2822 - Court Interpreting Skills (3 credits)
FOT 2823 - Consecutive Interpretation (3 credits)
FOT 2824 - Simultaneous Interpretation Strategies (3 credits)
FOT 2825 - Computer Assisted Translation 1 (3 credits)
FOT 2826 - Legal Translation (3 credits)
FOT 2827 - Medical Translation (3 credits)
FOT 2828 - Medical Interpretation (3 credits)
FOT 2829 - Financial and Business Translation (3 credits)
LIN 2606 - Introduction to Sociolinguistics (3 credits)
SPC 2608 - Introduction to Public Speaking (3 credits)

<mark>**PROPOSED**</mark>
ASSOCIATE IN SCIENCE DEGREE
PROGRAM OF STUDY: TRANSLATION-INTERPRETATION STUDIES (24050)

GENERAL EDUCATION REQUIREMENTS – 15 CREDITS REQUIRED

COMMUNICATIONS (3.00 credits)
ENC 1101 - English Composition 1 (3 credits)

ORAL COMMUNICATIONS (3.00 credits)
SPC 1017 - Fundamentals of Speech Communication (3 credits)

HUMANITIES (3.00 credits)
PHI 2604 - Critical Thinking/Ethics (3 credits)

BEHAVIORAL/SOCIAL SCIENCE (3.00 credits)
CLP 1006 - Psychology of Personal Effectiveness (3 credits)

MATH/SCIENCE (3.00 credits)
BOT*, BSC*, CHM*, GLY*, MAC*, MAD*, MAP*, MAS*, MCB*, MET*, MGF*, OCE*, PHY*, PSC*, QMB*, STA*, ZOO*
AST 1002 - Descriptive Astronomy (3 credits)
HUN 1201 - Essentials of Human Nutrition (3 credits)
PCB 2033 - Introduction to Ecology (3 credits)

COMPUTER COMPETENCY
Test type(s) needed:
Computer Competency Test (CCT)
---or---
CGS 1060C – Introduction to Computer Technology & Application

MAJOR COURSE REQUIREMENTS – 45 CREDITS REQUIRED
Must take 3.0 credits from the following group.
HAI 2341 - Haitian-Creole for Native Speakers 2 (3 credits)
SPN 2341 - Spanish for Native Speakers 2 (3 credits)

- - - And - - -

Must take 3.0 credits from the following group.
HAT 2802 - Contrastive Analysis: Haitian/Creole (3 credits)
SPT 2842 - Contrastive Analysis Spanish/English (3 credits)

- - - And - - -

Must take 3.0 credits from the following group.
HCW 2020 - Selected Readings in Haitian-Creole Literature 3 (3 credits)
SPW 2020 - Selected Readings in Latin American Literature (3 credits)

- - - And - - -

Must take 36.0 credits from the following group.
FOT 2802 - Introduction to Translation (3 credits)
FOT 2821 - Introduction to Interpretation (3 credits)
FOT 2822 - Court Interpreting Skills (3 credits)
FOT 2823 - Consecutive Interpretation (3 credits)
FOT 2824 - Simultaneous Interpretation Strategies (3 credits)
FOT 2825 - Computer Assisted Translation 1 (3 credits)
FOT 2826 - Legal Translation (3 credits)
FOT 2827 - Medical Translation (3 credits)
FOT 2828 - Medical Interpretation (3 credits)
FOT 2829 - Financial and Business Translation (3 credits)
LIN 2606 - Introduction to Sociolinguistics (3 credits)

ENC 1102 - English Composition 2 (3 credits)
---or---
SPC 2608 - Introduction to Public Speaking (3 credits)