



# Academic Notes

March 29, 2010

AN 2009-2010

## ACADEMIC NOTES PUBLICATION SCHEDULE FOR SPRING 2010

Below is the circulation schedule for the electronic copy of *Academic Notes* through May 10, 2010. All submissions for inclusion in *Academic Notes* are due in the Office of Academic Affairs no later than 10:00 a.m. on the Wednesday prior to the distribution of *Academic Notes* on the following Monday. Submissions must be in hard copy along with an e-mail, disk, or CD with the same information. The electronic version must be formatted either in Word with pages with signatures scanned and inserted as a picture OR PDF saved as text and image. (Do NOT send PDF just saved as an image.) Information submitted to *Academic Notes* that is not accompanied by an electronic version or that is incomplete or unusable will be returned to the appropriate office. *Academic Notes* is available using Acrobat Reader at [http://www.indstate.edu/academicaffairs/academic\\_notes.htm](http://www.indstate.edu/academicaffairs/academic_notes.htm)

## ACADEMIC NOTES PUBLICATION SCHEDULE FOR SPRING 2010

<u>Deadline for Items</u>	<u>Issue Date</u>
March 31	April 5
April 7	April 12
April 14	April 19
April 21	April 26
April 28	May 3
May 5	May 10

## ACALOG NOTE

The format for curriculum proposals has changed to correspond with the structure of Acalog, the new version of the electronic catalogs. Some proposals will be published under the old structure and some under the new structure during this transition period.

### Improved Electronic Catalog

The new electronic version of the undergraduate catalog is posted at <http://www.indstate.edu/academics/catalogs.htm> Some advantages of the new format are:

- It is easily searchable and searchable from the internet
- It is easier for students and advisors to find and choose the courses students need
- Students create a personal portfolio of courses in which they are interested
- Links to information such as department web sites, advising information, and video clips can easily be added
- Every page can easily be printed.

If you have questions, please contact Academic Affairs, extension 3662.

# CURRICULUM

## INDEX

Item	Page #
<b>Undergraduate Proposals</b>	
<i>New Courses</i>	
ECON 103; MUS 117; AVT 150, 317 .....	3
ECT 150, 151; MET 150, 151, 152 .....	4
CNST 150; CTE 330; TCED 150.....	5
<i>Course Revisions</i>	
MUS 111 .....	5
MUS 112, 150, 211 .....	6
<i>Course Revisions – Foundational Studies</i>	
ENVI 460; ECON 331 .....	7
MUS 350, 351 .....	8
<i>Course Banking</i>	
MUS 448, 468 .....	8
<i>New Programs</i>	
Certificate in Curriculum, Instruction, and Media Technology for Higher Education and Industry.....	9
Post-Secondary Facilitator Certificate.....	10
<i>Program Revisions</i>	
International Studies Minor.....	11
Music Major with Concentration in Composition.....	13
Music Major with Concentration in Merchandising or Business Administration.....	15
Choral/General Major .....	18
Music Major .....	22
Performance Major.....	23
Professional Aviation Flight Technology.....	27
Technology Management Major .....	28
Career and Technical Education Major.....	33
<i>Program Eliminations</i>	
Music Major with Concentration in Music History and Literature .....	34
Bachelor of Science Music/Choral; Bachelor of Arts in Music with concentration in Music Theory	34
<b>Undergraduate Approvals</b>	
<i>Course Revisions</i>	
ECT 406 .....	35
<i>Course Revisions Foundational Studies</i>	
MUS 150 .....	35
<b>Graduate Approvals</b>	
<i>New Courses</i>	
NURS 810, 822, 825, 840 .....	36
NURS 842, 850, 891, 892, 893 .....	37
NURS 894, 895 .....	38
<b>Corrections</b>	
Political Science Major; Political Science Minor.....	38

# UNDERGRADUATE PROPOSALS

## NEW COURSES

### **COLLEGE OF ARTS AND SCIENCES: Economics**

#### **ECON 103 - Economic Perspectives on Environmental Problems**

3 credits

This course examines the relationship between economics and environmental problems. Specifically, students learn about interaction between the economy and the environment, as well as how economic analysis can be used to help solve environmental problems. The analysis considers the economic efficiency and equity dimensions, places environmental problems in a historical context and contrasts the strategies needed to tackle environmental problems at the local versus the global level.

**Foundational Studies Credit:** [FS 2010: Ethics and Social Responsibility]

*Preferred effective term: Fall 2010*

### **COLLEGE OF ARTS AND SCIENCES: Music**

#### **MUS 117 - Introduction to Composition**

2 credits

Study of contemporary tonal compositional procedures through the writing of pieces in small forms.

**Prerequisite:** a grade of C or better in MUS 111 and MUS 113.

A-F Grading

*Preferred effective term: Fall 2010*

### **COLLEGE OF TECHNOLOGY: Aviation Technology**

#### **AVT 150 - Foundations of Technology: Introduction to Aerospace Technology**

3 credits

This course focuses on the development of appropriate knowledge and skills in regard to introductory engineering and technology. The specific facet of this introductory technology and engineering course further explores the application of aerospace knowledge and skills while enriching technological and engineering-based problem solving skills.

A-F Grading

*Preferred effective term: Fall 2010*

#### **AVT 317 - Technically Advanced Aircraft**

3 credits.

An introduction to technically advanced aircraft. Course includes an introduction to advanced avionics, electronic flight instruments, navigating with the use of a glass cockpit display, automated flight controls, glass cockpit information systems, component failures, and emergencies.

**Prerequisite:** AVT 241, 243, and an instrument rating or consent of instructor.

A-F Grading

*Preferred effective term: Fall 2010*

## **COLLEGE OF TECHNOLOGY: Electronics, Computer, and Mechanical Engineering Technology**

### **ECT 150 - Foundations of Technology: Introduction to Digital Electronics**

3 credits

The emphasis of this course is the development of knowledge and skills utilized by engineering and technology professionals. This introductory course focuses on exploration and application of digital electronics while further enriching the student's technological and engineering-based problem solving skills.

A-F Grading

*Preferred effective term: Fall 2010*

### **ECT 151 - Foundations of Technology: Introduction to Computer Integrated Manufacturing**

3 credits

The overall goal of this course is to assist students in developing relevant knowledge and skills to better understand the basic premises of technology and engineering, with a focus on computer integrated manufacturing technology.

A-F Grading

*Preferred effective term: Fall 2010*

### **MET 150- Foundations of Technology: Introduction to the Principles of Engineering Technology**

3 credits

This course focuses on the development of appropriate knowledge and skills in regard to introductory engineering and technology. The specific facet of this introductory technology and engineering course further explores the application of the principles of engineering technology while enriching technological and engineering-based problem solving skills.

A-F Grading

*Preferred effective term: Fall 2010*

### **MET 151 - Foundations of Technology: Introduction to Engineering Technology Design and Development**

3 credits

This course focuses on the development of appropriate knowledge and skills in regard to introductory engineering and technology. The specific facet of this introductory technology and engineering course further explores the application of technology design and development while enriching technological and engineering-based problem solving skills.

A-F Grading

*Preferred effective term: Fall 2010*

### **MET 152 - Foundations of Technology: Introduction to Engineering and Technical Design**

3 credits

This course focuses on the development of appropriate knowledge and skills in regard to introductory engineering and technology. The specific facet of this introductory technology and engineering course further explores the application of technical design knowledge and skills while enriching technological and engineering-based problem solving skills.

A-F Grading

*Preferred effective term: Fall 2010*

## **COLLEGE OF TECHNOLOGY: Technology Management**

### **CNST 150 - Foundations of Technology: Introduction to Civil Engineering Technology**

3 credits

This course focuses on the development of appropriate knowledge and skills in regard to introductory engineering and technology. The specific facet of this introductory technology and engineering course further explores the application of civil engineering technology while enriching technological and engineering-based problem solving skills.

A-F Grading

*Preferred effective term: Fall 2010*

### **CTE 330 – Introduction to Adult and Career Education**

3 credits

Introduction to adult and career education is divided into four content areas to ensure students learn and develop the necessary skills to engage in life and career planning: enhancing educational skill sets, career concepts and applications, social conditions affecting career development, and implementing a strategic career plan.

A-F Grading

*Preferred effective term: Fall 2010*

### **TCED 150 - Foundations of Technology: Introduction to Biotechnology**

3 credits

This course focuses on the development of appropriate knowledge and skills in regard to introductory engineering and technology. The specific facet of this introductory technology and engineering course further explores the application of biotechnology while enriching technological and engineering-based problem solving skills.

A-F Grading

*Preferred effective term: Fall 2010*

## **COURSE REVISIONS**

### **COLLEGE OF ARTS AND SCIENCES: Music**

#### **MUS 111 - Music Theory I**

1 credit

Study of the elements of music theory, covering pitch, rhythm, scales, intervals, basic harmony, melody, voice leading, and diatonic triads in functional harmony.

**Prerequisites:** satisfactory score on the Undergraduate Placement Examination in Music Theory or a grade of C or better in MUS 101, and concurrent enrollment in MUS 113.

**Note:** two class hours a week.

*Change credits and remove note to:*

#### **MUS 111 - Music Theory I**

2 credits

Study of the elements of music theory, covering pitch, rhythm, scales, intervals, basic harmony,

melody, voice leading, and diatonic triads in functional harmony.

**Prerequisites:** satisfactory score on the Undergraduate Placement Examination in Music Theory or a grade of C or better in MUS 101, and concurrent enrollment in MUS 113.

A-F Grading

*Preferred effective term: Fall 2010*

### **MUS 112 - Music Theory II**

1 credit

Continuation of 111, extending through a study of diatonic seventh chords, secondary dominant and leading tone chords, modulation, binary and ternary forms, and variation techniques.

**Prerequisites:** grade of C or better in MUS 111; concurrent enrollment in MUS 114 or consent of instructor.

**Note:** two class hours a week.

*Change credits and remove note to:*

### **MUS 112 - Music Theory II**

2 credits

Continuation of 111, extending through a study of diatonic seventh chords, secondary dominant and leading tone chords, modulation, binary and ternary forms, and variation techniques.

**Prerequisites:** grade of C or better in MUS 111; concurrent enrollment in MUS 114 or consent of instructor.

A-F Grading

*Preferred effective term: Fall 2010*

## **COLLEGE OF ARTS AND SCIENCES: Music**

### **MUS 150 - Introduction to Musical Traditions I**

2 credits

Historical survey of musical style in Western art music from the Middle Ages to the present, with emphasis on critical listening and score reading. Includes introduction to basic research and writing skills pertaining to music. The ability to read music is essential.

**Note:** Three class hours a week.

**General Education Credit:** [GE2000: Literary, Artistic, and Philosophical Studies-Elective]

*Change credits to:*

### **MUS 150 - Introduction to Musical Traditions I**

3 credits

Historical survey of musical style in Western art music from the Middle Ages to the present, with emphasis on critical listening and score reading. Includes introduction to basic research and writing skills pertaining to music. The ability to read music is essential.

**Note:** Three class hours a week.

**Foundational Studies Credit:** [FS 2010: Fine and Performing Arts]

### **MUS 211 - Music Theory III**

1 credit

Continuation of MUS 111 and 112, extending through a study of contrapuntal techniques in the invention and fugue, nineteenth-century harmonic material, and rondo and sonata forms.

**Prerequisites:** grade of C or better in MUS 112 and 114; concurrent enrollment in 213.

**Note:** two class hours a week.

*Change credits and remove note to:*

**MUS 211 - Music Theory III**

2 credits

Continuation of MUS 111 and 112, extending through a study of contrapuntal techniques in the invention and fugue, nineteenth-century harmonic material, and rondo and sonata forms.

**Prerequisites:** grade of C or better in MUS 112 and 114; concurrent enrollment in 213.

A-F Grading

*Preferred effective term: Fall 2010*

**COURSE REVISIONS**  
**FOUNDATIONAL STUDIES CREDIT**

**COLLEGE OF ARTS AND SCIENCES: Earth and Environmental Systems**

**ENVI 460 - Conservation and Sustainability of Natural Resources**

3 credits

Utilization of natural resources and the improvement in the quality of the environment, including the role of government agencies in resource management.

**General Education Credit:** [GE2000: Social and Behavioral Studies-Elective]

*Change General Studies Credit to Foundational Studies Credit:*

**ENVI 460 - Conservation and Sustainability of Natural Resources**

3 credits

Utilization of natural resources and the improvement in the quality of the environment, including the role of government agencies in resource management.

**Foundational Studies Credit:** [FS 2010: Integrative Upper-Division Electives]

*Preferred effective term: Fall 2010*

**ECON 331 - Public Finance**

3 credits

Introduction to government finance. Study of public expenditures; debt management; various types of revenue, including public domain, fees, special assessments, and taxes. Theories and principles of taxation.

**Prerequisites:** ECON 100, or 200 and 201.

**General Education Credit:** [GE2000: Social and Behavioral Studies-Elective]

*Change General Education Credit to Foundational Studies Credit:*

**ECON 331 - Public Finance**

3 credits

Introduction to government finance. Study of public expenditures; debt management; various types of revenue, including public domain, fees, special assessments, and taxes. Theories and principles of taxation.

**Prerequisites:** ECON 100, or 200 and 201.

**Foundational Studies Credit:** [FS 2010: Integrative Upper-Division Electives]

*Preferred effective term: Fall 2010*

## **COLLEGE OF ARTS AND SCIENCES: Music**

### **MUS 350 - Music History I**

2 credits

Music of western civilization from the Greeks through J.S. Bach.

**Prerequisites:** MUS 151, 211, and 213, or consent of instructor.

**Note:** this course in conjunction with Music 351, serves as the General Education Capstone requirement for music majors. Three class hours a week.

**General Education Credit:** [GE2000: Capstone Course]

**Capstone Course:** Capstone Course

*Change credits, remove note, remove capstone, and change General Education Credit to Foundational Studies Credit:*

### **MUS 350 - Music History I**

3 credits

Music of western civilization from the Greeks through J.S. Bach.

**Prerequisites:** MUS 151, 211, and 213, or consent of instructor.

**Foundational Studies Credit:** [FS 2010: Integrative Upper-Division Elective]

A-F Grading

*Preferred effective term: Fall 2010*

### **MUS 351 - Music History II**

2 credits

Music from J.S. Bach to the present. Music 350, in conjunction with Music 351, serves as the General Education Capstone requirement for music majors.

**Prerequisites:** MUS 212, 214, and 350, or consent of instructor.

**Note:** Three class hours a week.

**Foundational Studies Credit:** [FS 2010: Historical Studies]

**Capstone Course:** Capstone Course

*Change credits, description, remove capstone, and note to:*

### **MUS 351 - Music History II**

3 credits

Music from J.S. Bach to the present.

**Prerequisites:** MUS 212, 214, and 350, or consent of instructor.

**Foundational Studies Credit:** [FS 2010: Historical Studies]

A-F Grading

*Preferred effective term: Fall 2010*

## **COURSE BANKING**

## **COLLEGE OF ARTS AND SCIENCES: Music**

### **MUS 448 – Introduction to Composition**

### **MUS 468 – Composition**

*Preferred effective term: Fall 2010*

## **NEW PROGRAMS**



## **BAYH COLLEGE OF EDUCATION: Curriculum, Instruction, and Media Technology**

### **Certificate in Curriculum, Instruction, and Media Technology for Higher Education and Industry (12 credits)**

#### **Brief Summary:**

Curriculum, Instruction, and Media Technology is an area that is needed in many areas including higher education, K-12, business, industry, government, military, health care, etc., where instruction and/or training is needed. Discussions with Dr. Dorothy Carole Yaw at the Department of Human Resource Development of College of Technology revealed the need for a certificate program of Curriculum, Instruction, and Media Technology for Higher Education and Industry for M.S. HRD students whose career goals focus on teaching in the community colleges, industry, and the military.

Therefore, the proposed Certificate Program in Curriculum, Instruction, and Media Technology (CIMT) for Higher Education and Industry will provide an opportunity to introduce graduate study in CIMT not just to those students who may be contemplating enrollment in the M.S. in Educational Technology and MEd in Curriculum and Instruction programs but also those who seek an M.S. degree in HRD. Graduate study in CIMT may also be a specialization for another major at the graduate level. Credits from the certificate program may be applied to the M.S. in Educational Technology, M.Ed. in Curriculum and Instruction, and M.S. in HRD programs.

Applicants across the globe are encouraged to apply. The criteria for admission on the certificate program are the same as the criteria for admission for graduate study at Indiana State University at the master's level: Applicants must offer proof of a Bachelor Degree and an acceptable grade point average from an accredited college or university. International applicants should have a TOEFL (Test of English as a Foreign Language) score of at least 550 (paper), 213 (computer), or 70 (iBT); or provide equivalent evidence of language proficiency.

#### **Student Learning:**

Students who complete the Certificate Program in Curriculum, Instruction, and Media Technology (CIMT) for Higher Education and Industry will have the knowledge and skills that are required for effective teaching in the community colleges, industry, and the military.

Competencies designed into the program focus on curriculum and instruction for face-to-face and online settings. Core concepts include design, development, utilization, management, and evaluation of education, instruction, and training activities that meet AECT (Association for Educational Communications and Technology) standards.

#### **Proposed Catalog Copy:**

### **Certificate in Curriculum, Instruction, and Media Technology for Higher Education and Industry (12 credits)**

Students who complete the Certificate Program in Curriculum, Instruction, and Media

Technology for Higher Education and Industry will have the knowledge and skills that are required for effective teaching in the community colleges, industry, and the military. Competencies designed into the program focus on curriculum and instruction for face-to-face and online settings. Core concepts include design, development, utilization, management, and evaluation of education, instruction, and training activities that meet the Association for Educational Communications and Technology standards. Applicants must offer proof of a bachelor degree and a grade point average of 2.7 or higher from an accredited college or university. International applicants should have a TOEFL score of at least 550 (paper), 213 (computer), or 70 (iBT); or provide equivalent evidence of language proficiency. The Certificate Program in Curriculum, Instruction, and Media Technology for Higher Education and Industry is a project-based program. Students gain knowledge and skills in curriculum, instruction, and media technology through experiential learning.

**Required Courses:**

- CIMT 620 (3 credits) Instructional Design
- CIMT 657 (3 credits) Courseware Design and the Web
- CIMT 660 (3 credits) Curriculum Fundamentals
- CIMT 740 (3 credits) The Technology of Distance Learning

*Preferred effective term: Fall 2010*

**COLLEGE OF TECHNOLOGY: Technology Management**

**Post-Secondary Facilitator Certificate (15 credits)**

**Brief Summary:**

Due to the proposed revision of the bachelor of science in career and technical education degree, the post-secondary school option will be eliminated. As there is still a need for a program of study for the adult learner, the post-secondary facilitator certificate will be created. The post-secondary facilitator certificate will include five-three hour on-line courses already established in the College of Technology for a total of 15 credits.

**Student Learning:**

An online certificate testifies to the holder's specialized skills. Whereas degree programs include generalist courses and background study, the Post-Secondary Facilitator Certificate focuses only on the adult learner. This certificate will complement any undergraduate degree and enhance its holder's professional standing and income potential.

**Proposed Catalog Copy:**

**Post-Secondary Facilitator Certificate (15 credits)**

**Career and Technical Education (3 credits):**

- CTE 484 – Post-Secondary Technical Education 3 credits

**Human Resource Development (6 credits)**

- HRD 473 – Evaluating Learner Performance 3 credits

- HRD 489 – Adult Learners in Higher Education and Training 3 credits

### **Technology Management (6 credits)**

- TMGT 369 – Developing Occupational and Training Programs 3 credits
- TMGT 385 – Methods and Strategies for Instructional Programs 3 credits

*Preferred effective term: Fall 2010*

## **PROGRAM REVISIONS**

### **COLLEGE OF ARTS AND SCIENCES: International Studies**

#### **International Studies Minor (24 credits)**

##### **Brief Summary:**

The Affiliated Faculty of the International Studies Program have revised the curriculum for the International Studies Minor to make the program more useful to students and to make the coursework better reflect the actual course offerings at Indiana State. The International Studies Minor continues to be an interdisciplinary program that can complement any major by providing students with a global perspective while also allowing the student to concentrate on a global region or theme.

The core courses of the revised minor provide students with an understanding of a foreign language and culture, of world history, and of international social processes. Students are then able to design (in consultation with their International Studies advisor) a concentration in a global region or thematic topic of their choice. The minor still includes either a study abroad experience or a major research project if the student can not afford to study abroad, and now also includes a self-reflective project through which the student will link together the courses and themes of her/his program

##### **Student Learning:**

The International Studies faculty are resuscitating this minor program, and there were no previous student learning outcomes by which we could assess the old program. This new minor curriculum was created after first developing a set of learning outcomes. These learning outcomes are:

- 1) Students will develop foreign language competency at the intermediate level (200 Level) by completing the second year of a foreign language or by testing out of this level.
- 2) Students will develop interdisciplinary perspectives through which to analyze the world. These perspectives will be acquired through the IS core courses as well as electives, and should be displayed in the student's culminating self-reflective project.
- 3) Students will develop a comparative understanding of multiple world regions and/or cultures. This understanding will be acquired through the IS core courses as well as electives.
- 4) Students will engage in a direct international experience, preferably through a study abroad program. If necessary, the writing of a major research paper on an international topic can replace this requirement.

Assessment of outcome 1 will rely on the grades received in the language courses or equivalent exams, with a C- or better counting toward the minor.

Assessment of outcomes 2-4 will be determined in two ways: First, we will honor the grade assessment in the core and elective courses, as well as the study abroad, selected for the minor, with a C- or better counting toward the minor. Secondly, the work required for the final 1-credit course, 490, will serve as a platform for assessing the students' perspectives and understanding of the world gained within IS coursework and study abroad. In this course, the students will be completing a project (paper, presentation, etc.) in which they will reflect upon their studies within the curriculum and to tie together the various topics, themes, and experiences.

### **Proposed Catalog Copy:**

#### **International Studies Minor (25 credits)**

The minor consists of 25 semester hours, including 15 hours of core courses, of which 6 hours are the second year of a foreign language. A student must also take 9 hours of approved 300/400 level courses with a regional or thematic focus. Currently approved concentration courses are available from the International Studies office. In addition, students must participate in an approved study abroad program or complete a substantial research paper in international studies.

During their senior year, students will complete a culminating self-reflective project in IS 490. Students will design their programs of study with an International Studies Program advisor.

#### **Foreign Language and Culture 6 Credits**

Second year of a foreign language

#### **World History (3 credits)**

HIST 102 Studies in World Civilization since 1500 3 credits

#### **International Social Processes (6 credits)**

Choose two from the following three discipline areas:

- A) PSCI 271 Introduction to International Relations – 3 credits **or**  
PSCI 280 Introduction to Comparative Politics – 3 credits
- B) ECON 100 Basic Economics – 3 credits (students should register for ECON 100I)
- C) ENVI 130 World Cultures and Environments – 3 credits

#### **Concentration (9 credits)**

Three courses at 300-400 level with a regional or thematic focus, with approval by international studies advisor, to include study abroad or a research paper completed in an approved 400-level class

#### **Culminating Self-Reflective Project (1 credit)**

IS 490 – 1 credit

*Preferred effective term: Fall 2010*

## **COLLEGE OF ARTS AND SCIENCES: Music**

### **Music Major with Concentration in Composition (66 credits)**

**CIP Code: 500901 Major Code: 3332**

#### **Brief Summary:**

In most schools with a composition major, the program is housed under the professional bachelor of music degree, not the general liberal arts BA/BS nomenclature. This change will bring ISU's curriculum in line with that practice, and enable the Music Department to offer a true BS/BA in Music. In addition, some courses will be deleted from the former major because they are not necessary for an undergraduate degree in composition.

#### **Student Learning:**

The current bachelor of science in Composition does not meet the National Association of Schools of Music standards for a liberal arts degree because of the large number of music hours in the program. However, it is compatible with guidelines for the bachelor of music, a professional degree and will have the proper number of hours of composition in order to be accredited.

#### **Proposed Catalog Copy:**

### **Music Composition Major (84 credits)**

**CIP Code: 500901 Major Code: \_\_\_\_\_**

#### **Theory (16 credits):**

- MUS 111---Music Theory I 2 credits
- MUS 112-- Music Theory II 2 credits
- MUS 113—Music Theory III 2 credits
- MUS 114---Music Theory IV 2 credits
- MUS 211---Music Skills I 2 credits
- MUS 212---Music Skills II 2 credits
- MUS 213---Music Skills III 2 credits
- MUS 214----Music Skills IV 2 credits

#### **History and Literature (12 credits):**

- MUS 150---Introduction to Musical Traditions 3 credits
- MUS 237---Introduction to World Music and Culture 3 credits
- MUS 350---Music History I 3 credits
- MUS 351---Music History II 3 credits

#### **Other Basic Musicianship Courses (5 credits)**

- MUS 204---Technology for Musicians 1 credit
- MUS 222---Basic Conducting 2 credits
- MUS 260---Basic Scoring 2 credits

**Performance (6 credits)**

Choose 4 credits from the following:

MUS 272 (A-G, I-U)

Choose 2 credits from the following:

(MUS 472 (A-G, I-U)

Note: Students must enroll in six semesters of performance study.

**Secondary Piano (4 credits):**

MUS 195 Secondary Piano I 1 credit

MUS 196 Secondary Piano II 1 credit

MUS 295 Secondary Piano III 1 credit

MUS 296 Secondary Piano IV 1 credit

Note: Students with substantial piano background can be exempted from piano after passing proficiency.

**Applied Piano (4 credits)**

MUS 470R Applied Piano .5—1 credit

**Ensembles (8 credits):**

Choose 6 credits from the following:

MUS 217-417 Masterworks Chorale 0 – 1 credit

MUS 219-419 Concert Choir 0 – 1 credit

MUS 259-459 University Symphony 0 – 1 credit

MUS 269S-469S Symphonic Band 0 – 1 credit

MUS 269W-469W Symphonic Wind Ensemble 0 – 1 credit

Two credits of Elective Ensembles

(Students are strongly advised to take advantage of chamber and large ensemble experiences available in both vocal and instrumental areas.)

**Composition (14 credits):**

MUS 117 Introduction to Composition 2 credits

MUS 278 Applied Composition 2 credits (repeated once for a total of 4 credits)

MUS 478 Applied Composition 2 credits (repeated three times for a total of 8 credits)

**Advanced Theory Courses (11 credits):**

MUS 443 Counterpoint 3 credits

MUS 445 Analytical Techniques of Tonal Music 3 credits

MUS 446 Contemporary Styles and Techniques 3 credits

MUS 460 Arranging for Band 2 credits

**Choose one from the following (3 credits):**

MUS 452 Music in the Middle Ages and Renaissance 3 credits

MUS 454 Music in the Baroque and Classical Eras 3 credits

MUS 456 Music in the Romantic and Contemporary Eras 3 credits

**Recital (composition) (1 credit)**

MUS 479 Senior Recital 1 credit

*Preferred effective term: Fall 2010*

**COLLEGE OF ARTS AND SCIENCES: Music**

**Music Major with Concentration in Merchandising or Business Administration (82 credits)**

**CIP Code: 500901 Major Code: 3326**

**Brief Summary:**

The title is being changed to Music Business so that all Music degrees will alphabetize under Music in the online catalog. As for the change of credit from 2 to 3 in history courses and 1 to 2 in theory courses, the NASM visitor's report from April 19-21, 2009, cites the need for the Department to bring in line the credit for Music History and Theory with "the published credit policies of the institution and in compliance with NASM standards. In lecture-discussion courses, normally one hour of credit is given for one period of recitation (50 minutes)." (NASM Visitor's Report, p.12, #7) Currently all history and theory courses are undervalued by one credit. The program is also being consolidated into one major code with two concentrations.

**Student Learning:**

No change to student learning is anticipated.

**Proposed Catalog Copy:**

**Music Business Major (92 credits)**

**CIP Code: 500901 Major Code: \_\_\_\_\_**

**Music Core (62 Credits):**

**Theory and Skills (16 credits):**

MUS 111 - Music Theory I 2 credits

MUS 112 - Music Theory II 2 credits

MUS 113 - Music Skills I 2 credits

MUS 114 - Music Skills II 2 credits

MUS 211 - Music Theory III 2 credits

MUS 212 - Music Theory IV 2 credits

MUS 213 - Music Skills III 2 credits

MUS 214 - Music Skills IV 2 credits

**History and Literature (12 credits):**

MUS 150 - Introduction to Musical Traditions I 3 credits

MUS 237 - Introduction to World Music and Culture 3 credits

MUS 350 - Music History I 3 credits

MUS 351 - Music History II 3 credits

**Other Basic Musicianship Courses (5 credits):**

MUS 204 - Technology for Musicians 1 credits

MUS 222 - Basic Conducting 2 credits

MUS 260 - Basic Scoring 2 credits

**Performance (6 credits):**

Choose 4 credits of the following:

MUS 272(A-G; I-U) - Individual Performance Study 1 credits

Choose 2 credits of the following:

MUS 472(A-G; I-U) - Individual Performance Study 1 credits

**Ensembles (4 credits):**

Choose 2 credits from the following:

MUS 217 – 417 Masterworks Chorale—0-1 credit

MUS 219 – 419 Concert Choir—0-1 credit

MUS 259 – 459 University Symphony—0-1 credits

MUS 269S – 469S Symphonic Band—0-1 credits

MUS 269W – 469W Wind Orchestra—0-1 credits

2 additional credits in other ensembles

**Music Industry Courses (6 credits):**

MUS 207 Introduction to the Music Industry—3 credits

MUS 307 Career Management in the Music Industry—3 credits

**Professional Practice (6 credits):**

MUS 499 Cooperative Professional Practice in Music—2 to 6 credits

Students must take 6 credits

**Music Electives (7 credits):**

**Business Core: (15 credits):**

ACCT 200 Survey of Accounting 3 credits

ECON 200 Principles of Macroeconomics 3 credits

ECON 201 Principles of Microeconomics 3 credits

MGT 301 Survey of Management 3 credits

MKTG 301 Introduction to Marketing 3 credits

**All students must choose one of the following concentrations along with the cores:**

**Music Merchandising Concentration (15 credits):**

MKTG 332 Buyer Behavior 3 credits

MKTG 334 Promotional Strategy 3 credits

MKTG 353 Marketing Channel Structure and Strategy 3 credits



**Choose one pair from the following:**

MKTG 344 Personal Selling Principles 3 credits  
and  
MKTG 444 Sales Policy and Management 3 credits  
or  
MKTG 345 Business Marketing 3 credits  
and  
MKTG 347 Principles of Retailing 3 credits  
or  
MKTG 344 Personal Selling Principles 3 credits  
and  
MKTG 347 Principles of Retailing 3 credits

**Business Administration Concentration (15 credits):**

BEIT 125 Information in the Electronic Age 3 credits  
FIN 200 Fundamentals of Finance 3 credits  
MGT 400 Survey of Human Resource Management 3 credits  
MIS 376 Business Computer Systems 3 credits

**Choose one from the following:**

BUS 263 Legal Environment and Business 3 credits  
MKTG 310 Marketing for Non-Profit and Service Organizations 3 credits  
MKTG 332 Buyer Behavior 3 credits

*Preferred effective term: Fall 2010*

## **COLLEGE OF ARTS AND SCIENCES: Music**

### **Choral/General Major (65 credits)**

**CIP Code: 500901 Major Code: 3322**

#### **Brief Summary:**

Change in area title is being made so that all music degrees will alphabetize under music in the online course catalog. The department is also formalizing concentrations in this degree so that a student's area of study will display on their transcript. As for the change of credit from 2 to 3 in history courses and the change from 1 to 2 in theory courses, the NASM visitor's report from April 19-21, 2009, cites the need for the music department to bring in line the credit for Music History and Theory with "the published credit policies of the institution and in compliance with NASM standards. In lecture-discussion courses, normally one hour of credit is given for one period of recitation (50 minutes)." (NASM Visitor's Report, p. 12, #7.) Currently all history and theory courses are undervalued by one credit.

#### **Student Learning:**

No change in student learning is anticipated.

#### **Proposed Catalog Copy:**

### **Music Education Major (86-87 credits)**

**CIP Code: 500901 Major Code: \_\_\_\_\_**

#### **Core : 40 credits**

##### Theory and Skills 16 credits

MUS 111 Music Theory I—2 credits

MUS 112 Music Theory II—2 credits

MUS 113 Music Skills I—2 credits

MUS 114 Music Skills II—2 credits

MUS 211 Music Theory III—2 credits

MUS 212 Music Theory IV—2 credits

MUS 213 Music Skills III—2 credits

MUS 214 Music Skills IV—2 credits

##### History and Literature 12 credits

MUS 150 Introduction to Musical Traditions I—3 credits

MUS 237 Introduction to World Music and Culture—3 credits

MUS 350 Music History I—3 credits

MUS 351 Music History II—3 credits

##### Basic Musicianship 5 credits

MUS 204 Technology for Musicians—1 credit

MUS 222 Basic Conducting—2 credits

MUS 260 Basic Scoring—2 credits

Performance 7 credits

MUS 274 (A-G, I-U) Individual Performance Study for Music Ed Majors—1 credit  
4 credits required

MUS 474 (A-G, I-U) Individual Performance Study for Music Ed Majors—1 credit  
3 credits required

**All Students must complete one of the following concentrations:**

**Choral/General Education Concentration: 47 credits**

Class Instrnts 4 credits

MUS 185 Secondary Voice I—1 credit and

MUS 186 Secondary Voice II—1 credit

**or**

MUS 195 Secondary Piano I—1 credit and

MUS 196 Secondary Piano II—1 credit

depending on major instrument

2 credits from:

MUS 270 T Elective Performance Study (voice)—0-1 credits

Or

MUS 295 Secondary Piano III—1 credit and

MUS 296 Secondary Piano IV—1 credit

Ensembles 7 Credits

MUS 217 – 417 Masterworks Chorale—0-1 credit

MUS 219 – 419 Concert Choir—0-1 credit

Plus 3 additional ensembles

Music Education 21 credits

MUS 201 Introduction to Music Education—2 credits

MUS 202 Functional Instrumental Techniques—2 credits

MUS 287 Italian and English Diction and Repertoire for Singing—1 credit

MUS 289 German and French Diction and Repertoire for Singing—1 credit

MUS 311 The Adolescent Voice—1 credit

MUS 324 Instrumental Techniques for the General Music Classroom—1 credit

MUS 381 Choral Conducting—2 credits

MUS 392 Music Procedures in the Elementary School—3 credits

MUS 393 General Music Procedures in the Middle School—2 credits

MUS 411 Vocal Techniques—1 credit

MUS 418 Music in Special Education—3 credits

MUS 457 Choral Literature and Materials (Small Forms)—2 credits

Professional Education 15 credits

MUS 391 The Teaching of Choral Music—3 credits

MUS 495 Student Teaching in Music—11 credits

MUS 496 Teaching an Integrated Unit in Music—1 credit

## **Instrumental/General Education Concentration: 46- 47 credits**

### Class Instrument 6 credits

MUS 195 Secondary Piano I—1 credit  
MUS 196 Secondary Piano II—1 credit  
MUS 420 String Techniques—1 credit  
MUS 421 Woodwind Techniques—1 credit  
MUS 422 Brass Techniques—1 credit  
MUS 423 Percussion Techniques—1 credit

### Ensembles 7 credits

Choose 4 credits from:

MUS 259 – 459 University Symphony—0-1 credits  
MUS 269S – 469S Symphonic Band—0-1 credits  
MUS 269W – 469W Wind Orchestra—0-1 credits

Choose 3 credits from:

MUS 109 – 409 Marching Band—0-1 credit  
(Note: wind and percussion students must take 2 credits)  
MUS 169C – 369C Concert Band—0-1 credit  
(Note: must be taken concurrently with MUS 383)  
MUS 253B-453B - Brass Ensembles—0-1 credit  
MUS 253J-453J - Jazz Combo—0-1 credit  
MUS 253K-453K - The Piano in Ensemble—0-1 credit  
MUS 253M-453M - Chamber Singers—0-1 credit  
MUS 253P-453P - Percussion Ensembles—0-1 credit  
MUS 253Q-453Q - Steel Drum Ensemble—0-1 credit  
MUS 253S-453S - String Ensembles—0-1 credit  
MUS 253W-453W - Woodwind Ensembles—0-1 credit

### Music Education 18-19 credits

MUS 201 Introduction to Music Education—2 credits  
MUS 311 The Adolescent Voice—1 credit  
MUS 324 Instrumental Techniques for the General Classroom—1 credit  
MUS 382 Instrumental Conducting—2 credits  
MUS 383 Instrumental Techniques Laboratory—1 credit  
(Note: must be taken concurrently with MUS 169C – 369C)  
MUS 392 Music Procedures in the Elementary School—3 credits  
MUS 393 General Music Procedures in the Middle School—2 credits  
MUS 418 Music in Special Education—2 credits  
MUS 431 Instrument Adjustment and Minor Repair—1 credit  
MUS 438 Jazz Procedures—2 credits

**AND**

MUS 424 Marching Band Procedures—1 credit (for wind and percussion students) **OR**  
MUS 489 Introduction to the Suzuki Method—2 credits (for string students)

### Professional Education 15 credits

MUS 394 Instrumental Methods—3 credits

MUS 495 Student Teaching in Music—11 credits  
MUS 496 Teaching an Integrated Unit in Music—1 credit

**Students may choose the following options to add licensure in other areas to their major.**

**Instrumental Option for Choral Majors (13-15 credits)**

MUS 109-\*409 Marching Band 0—1 credits  
MUS 169C- \*369C Concert Band 0—1 credits  
(Note: must be taken concurrently with MUS 383)  
MUS 382 Instrumental Conducting—2 credits  
MUS 383 Instrumental Techniques Laboratory—1 credit  
MUS 394 Instrumental Methods—3 credits  
MUS 424 Marching Band Procedures—1 credit  
MUS 431 Instrument Adjustment and Minor Repair—1 credit  
MUS 438 Jazz Procedures—2 credits

Choose 3 credits from the following:

MUS 420 String Techniques—1 credit  
MUS 421 Woodwind Techniques—1 credit  
MUS 422 Brass Techniques—1 credit  
MUS 423 Percussion Techniques—1 credit

**Choral option for instrumental majors (15 credits)**

MUS 287 Italian and English Diction and Repertoire for Singing—1 credit  
MUS 381 Choral Conducting—2 credits  
MUS 391 The Teaching of Choral Music—3 credits  
MUS 411 Vocal Techniques—1 credit  
MUS 457 Choral Literature and Materials (Small Forms)—2 credits

Choose 4 credits from:

MUS 185 Secondary Voice I—1 credit  
MUS 186 Secondary Voice II—1 credit  
MUS 270 T Elective Performance Study (voice)—0-1 credits

Choose 2 credits from:

MUS 115 – 315 Sycamore Singers 0-1credits  
MUS 217 – 417 Masterworks Chorale 0-1 credits  
MUS 219 – 419 Concert Choir 0-1 credits  
MUS 253M - \*453M Chamber Singers 0-1 credits

*Preferred effective term: Fall 2010*

## **COLLEGE OF ARTS AND SCIENCES: Music**

**Music Major (40 credits)**

**CIP Code: 500901 Major Code: 3330**

### **Brief Summary:**

The title is being changed to Music Liberal Arts so that all Music degrees will alphabetize under Music in the online catalog. A side by side of the old and new program is also included in this document because of a change in hours of theory and history courses. As for the change of credit from 2 to 3 in history courses and 1 to 2 in theory courses, the NASM visitor's report from April 19-21, 2009, cites the need for the Department to bring in line the credit for Music History and Theory with "the published credit policies of the institution and in compliance with NASM standards. In lecture-discussion courses, normally one hour of credit is given for one period of recitation (50 minutes)." (NASM Visitor's Report, p.12, #7) Currently all history and theory courses are undervalued by one credit.

### **Student Learning:**

No change to student learning is anticipated.

### **Proposed Catalog Copy:**

**Music Liberal Arts Major (48 credits)**

**CIP Code: 500901 Major Code:**

#### **Required Courses:**

##### **Theory 16 credits:**

MUS 111 - Music Theory I 2 credits

MUS 112 - Music Theory II 2 credits

MUS 113 - Music Skills I 2 credits

MUS 114 - Music Skills II 2 credits

MUS 211 - Music Theory III 2 credits

MUS 212 - Music Theory IV 2 credits

MUS 213 - Music Skills III 2 credits

MUS 214 - Music Skills IV 2 credits

##### **History and Literature 12 credits:**

MUS 150 - Introduction to Musical Traditions I 3 credits

MUS 235 - Introduction to World Music and Culture 3 credits

MUS 350 - Music History I 3 credits

MUS 351 - Music History II 3 credits

##### **Other Basic Musicianship Courses 5 credits:**

MUS 204 - Technology for Musicians 1 credits

MUS 222 - Basic Conducting 2 credits

MUS 260 - Basic Scoring 2 credits

**Performance 6 credits, 6 semesters:**

Choose 4 hours of the following:

MUS 272(A-G; I-U) - Individual Performance Study 1 credits

Choose 2 hours of the following:

MUS 472(A-G; I-U) - Individual Performance Study 1 credits

**Secondary Piano 2 credits:**

MUS 195 - Secondary Piano I 1 credits

MUS 196 - Secondary Piano II 1 credits

Note:

(Piano and organ principals are excused from this requirement but must take 2 additional hours of music electives.)

**Ensembles 2 credits:**

**Music Electives (5 credits):**

**Note:** All liberal arts majors complete a total of at least 68 hours of General Education outside music in order to meet the National Association of Schools of Music Standard: General studies normally occupy 55 percent to 70 percent of the total curriculum.

*Preferred effective term: Fall 2010*

**COLLEGE OF ARTS AND SCIENCES: Music**

**Performance Major (80 credits)**

**CIP Code: 500903 Major Code: 3323**

**Brief Summary:**

The title is being changed to Music Performance so that all music degrees will alphabetize under Music in the online catalog. Existing specializations are being identified as concentrations. Total numbers of credits are being adjusted to reflect the change of credit from 2 to 3 in history courses and 1 to 2 in theory courses. The NASM visitor's report from April 19-21, 2009, cites the need for the Department to bring in line the credit for Music History and Theory with "the published credit policies of the institution and in compliance with NASM standards. In lecture-discussion courses, normally one hour of credit is given for one period of recitation (50 minutes)." (NASM Visitor's Report, p.12, #7)

**Student Learning:**

No change to student learning is anticipated.

**Proposed Catalog Copy:**

## **Music Performance Major (88 credits)**

### **Core Courses (57 credits):**

#### **Theory (22 credits):**

- MUS 111 - Music Theory I 2 credits
- MUS 112 - Music Theory II 2 credits
- MUS 113 - Music Skills I 2 credits
- MUS 114 - Music Skills II 2 credits
- MUS 211 - Music Theory III 2 credits
- MUS 212 - Music Theory IV 2 credits
- MUS 213 - Music Skills III 2 credits
- MUS 214 - Music Skills IV 2 credits
- MUS 445 - Analytical Techniques of Tonal Music 3 credits

Choose one from the following:

- MUS 443 - Counterpoint 3 credits
- MUS 448 - Basic Composition 3 credits

#### **History and Literature (12 credits):**

- MUS 150 - Introduction to Musical Traditions I 3 credits
- MUS 237 - Introduction to World Music and Culture 3 credits
- MUS 350 - Music History I 3 credits
- MUS 351 - Music History II 3 credits

#### **Other Basic Musicianship Courses (5 credits):**

- MUS 204 - Technology for Musicians 1 credits
- MUS 222 - Basic Conducting 2 credits
- MUS 260 - Basic Scoring 2 credits

#### **Performance (18 credits):**

Choose 8 credits from the following

- MUS 276(A-G; I-U) - Individual Performance Study for Music Performance Majors 2 credits

Choose 8 credits from the following:

- MUS 379 - Junior Recital 1 credits
- MUS 476(A-G; I-U) - Individual Performance Study for Music Performance Majors 2 credits
- MUS 479 - Senior Recital 1 credits

Note: Students must enroll in eight semesters of performance courses.

### **In addition to the core, students must choose one of the following concentrations:**

#### **Concentration in Piano (31 credits):**

##### **Required courses (16 credits)**

- MUS 396 - Accompanying 1 credits
- MUS 404 - Piano Pedagogy I 3 credits
- MUS 406 - Piano Literature 3 credits



MUS 407 - Piano Teaching Materials 2 credits

Choose 2 credits from the following:

MUS 217-\*417 - Masterworks Chorale 0-1 credits

MUS 219-\*419 - Concert Choir 0-1 credits

MUS 259-\*459 - University Symphony 0-1 credits

MUS 269S-\*469S - Symphonic Band 0-1 credits

MUS 269W-\*469W - Wind Orchestra 0-1 credits

Choose 2 credits from the following:

MUS 253K-\*453K - The Piano in Ensemble 0-1 credits

MUS 253S-\*453S - String Ensembles 0-1 credits

Choose 3 credits from the following:

MUS 253K-\*453K - The Piano in Ensemble 0-1 credits

### **Literature Elective (3 credits )**

### **Music Electives (12 credits)**

### **Concentration in Strings: Violin, Viola, Cello, or String Bass (31 credits):**

#### **Required Courses (18 credits):**

MUS 195 - Secondary Piano I 1 credits

MUS 196 - Secondary Piano II 1 credits

MUS 295 - Secondary Piano III 1 credits

MUS 296 - Secondary Piano IV 1 credits

MUS 428 - String Literature and Pedagogy 2 credits

Minor string instrument 2 credits

Choose 8 credits from the following:

MUS 259-\*459 - University Symphony 0-1 credits

Choose 2 credits from the following:

MUS 253S-\*453S - String Ensembles 0-1 credits

### **Literature elective (3 credits)**

### **Music electives (10 credits)**

### **Concentration in Brass: Trumpet, Horn, Trombone, Euphonium, or Tuba (31 credits):**

#### **Required Courses (18 credits):**

MUS 195 - Secondary Piano I 1 credits

MUS 196 - Secondary Piano II 1 credits

MUS 295 - Secondary Piano III 1 credits

MUS 296 - Secondary Piano IV 1 credits

MUS 430 - Brass Literature and Pedagogy 2 credits

Minor brass instrument 2 credits

Choose 8 credits from the following:  
MUS 259-\*459 - University Symphony 0-1 credits  
MUS 269S-\*469S - Symphonic Band 0-1 credits  
MUS 269W-\*469W - Wind Orchestra 0-1 credits

Choose 2 credits from the following:  
MUS 253B-\*453B - Brass Ensembles 0-1 credits  
MUS 288-\*488 - Jazz Ensemble 0-1 credits

**Literature elective (3 credits)**

**Music electives (10 credits)**

**Concentration in Percussion (31 additional credits):**

**Required Courses (19 credits):**

MUS 195 - Secondary Piano I 1 credits  
MUS 196 - Secondary Piano II 1 credits  
MUS 295 - Secondary Piano III 1 credits  
MUS 296 - Secondary Piano IV 1 credits  
MUS 436 - Percussion Literature and Pedagogy 2 credits  
MUS 456 - Music in the Romantic and Contemporary Eras 3 credits

Choose 6 credits from the following:  
MUS 259-\*459 - University Symphony 0-1 credits  
MUS 269S-\*469S - Symphonic Band 0-1 credits  
MUS 269W-\*469W - Wind Orchestra 0-1 credits

Choose 4 credits of the following:  
MUS 253P-\*453P - Percussion Ensembles 0-1 credits

**Music electives 12 credits**

**Concentration in Winds: Flute, Oboe, Clarinet, Bassoon, or Saxophone (31 additional credits):**

**Required Courses (18 credits):**

MUS 195 - Secondary Piano I 1 credits  
MUS 196 - Secondary Piano II 1 credits  
MUS 295 - Secondary Piano III 1 credits  
MUS 296 - Secondary Piano IV 1 credits  
MUS 429 - Woodwind Literature and Pedagogy 2 credits  
Minor woodwind instrument 2 credits

Choose 8 credits from the following:  
MUS 259-\*459 - University Symphony 0-1 credits  
MUS 269S-\*469S - Symphonic Band 0-1 credits  
MUS 269W-\*469W - Wind Orchestra 0-1 credits

Choose 2 credits from the following:

MUS 253W-\*453W - Woodwind Ensembles 0-1 credits

MUS 288-\*488 - Jazz Ensemble 0-1 credits

**Literature elective (3 credits)**

**Music electives (10 credits)**

**Concentration in Voice (31 credits):**

**Required Courses (19 credits):**

MUS 195 - Secondary Piano I 1 credits

MUS 196 - Secondary Piano II 1 credits

MUS 287 - Italian and English Diction and Repertoire for Singing 1 credits

MUS 289 - German and French Diction and Repertoire for Singing 1 credits

MUS 295 - Secondary Piano III 1 credits

MUS 296 - Secondary Piano IV 1 credits

MUS 411 - Vocal Techniques 1 credits

MUS 435 - Vocal Literature for the Solo Voice 3 credits

MUS 458 - Survey of the Opera 3 credits

Choose 4 credits from the following:

MUS 217-\*417 - Masterworks Chorale 0-1 credits

MUS 219-\*419 - Concert Choir 0-1 credits

Choose 2 credits from the following:

MUS 253M-\*453M - Chamber Singers 0-1 credits

MUS 253T-\*453T - Music Theater Performance 0-1 credits

**Vocal ensemble elective 2 credits**

**Music electives 10 credits**

*Preferred effective term: Fall 2010*

**COLLEGE OF TECHNOLOGY: Aviation Technology**

**Professional Aviation Flight Technology (77 credits)**

**CIP Code: 490102 Major Code: D533**

**Brief Summary:**

Program changes are a result of two external accreditation reviews and recommendations from the Aviation Industrial Advisory Board.

**Student Learning:**

Proposed changes will better prepare students for current marketplace.

## **Proposed Catalog Copy:**

### **Professional Aviation Flight Technology (81 credits)**

**CIP Code: 490102 Major Code: \_\_\_\_\_**

#### **Required courses:**

##### **Aviation Technology courses (63 credits):**

**Aviation Department Core Courses:** 130—2 credits; 141—6 credits; 223—3 credits; 307—3 credits; 325—3 credits; 403—3 credits; 405—3 credits; 425—3 credits; 430—1 credit

**Aviation Flight Seminar Core Courses:** 142—1 credit; 144—1 credit; 242—1 credit; 244—1 credit; 342—1 credits; 344—1 credit

**Aviation Flight Theory Core Courses:** 211—3 credits; 241—3 credits; 243—3 credits; 311—3 credits; 313—3 credits; 315—3 credits; 317—3 credits; 341—3 credits; 413—3 credits; 441—3 credits.

##### **Complete 1 of the 3 Options Below (18 credits minimum):**

Option 1:

Any University Minor (must complete)

Option 2:

Any ROTC Courses

Option 3:

Any AVT courses not included in PAFT Core Courses listed above.

**Note:** Additional AVT courses, not included in the Core Courses above, may be used to complete credit hour shortage in options 1 or 2 above.

All PAFT students are encouraged to complete their CFI/CFII.

All PAFT students must pass each aviation course, used in their degree, with a C grade (2.0 points) or higher.

*Preferred effective term: Fall 2010*

## **COLLEGE OF TECHNOLOGY: Technology Management**

### **Technology Management Major (65 credits)**

**CIP Code: 150612 Major Code: E532**

#### **Brief Summary:**

The new Foundational Studies program effective Fall 2010 has necessitated some minor changes to the Technology Management program. The wording 'Directed Basic Studies' and 'Directed Liberal Studies' was replaced with 'Directed Foundational Studies'. In the Freshman program, Phys 106/L was removed as an option under Laboratory Science so that all students will take Chem 100/L, thus meeting the Foundational Studies requirement. Phys 105/L is now listed with the major courses and MET 215 was added as an option along with Math 115 under Directed Foundational Studies.

In the transfer programs the Directed General Education courses were removed since ISU now has the same policy regarding Foundational Studies requirements for any student who comes with a completed AS or AA degree. It was also removed from the AAS transfer program since

the Foundational Studies requirements for each student will vary depending on what courses were completed as part of the AAS.

**Student Learning:**

N/A

**Proposed Catalog Copy:**

**Technology Management Major (68 credits)**

**CIP Code: 150612 Major Code: \_\_\_\_\_**

**Required courses:**

Required courses for freshmen or transfer students without an approved technical associate of science or an associate of applied science degree:

**Electronics and Computer Technology (3 credits):**

ECT 160 - Electronic Fundamentals 3 credits

**Health, Safety, and Environmental Health Sciences (6 credits):**

HLTH 212 - Introduction to Industrial Health and Safety 3 credits

HLTH 318 - Industrial Accident Prevention I 3 credits

**Mechanical Engineering Technology (6 credits):**

MET 103 - Introduction to Technical Graphics with CAD 3 credits

MET 405 - Economic Analysis for Engineering and Technology 3 credits

**Manufacturing (3 credits):**

Choose one from the following:

MFG 370 - Fundamentals of Manufacturing Processes 3 credits

MFG 371 - Manufacturing Processes and Materials 3 credits

MFG 372 - Plastics Technology 3 credits

**Physics (4 credits):**

PHYS 105 - General Physics I 3 credits

PHYS 105L - General Physics I Laboratory 1 credits

**Technology Management (21 credits):**

TMGT 351 - Professional Internship 3 credits

TMGT 429 - Workplace Law for the Technical Manager 3 credits

TMGT 471 - Production Planning and Control I 3 credits

TMGT 473 - Quality Control of Industrial Products I 3 credits

TMGT 492 - Industrial Supervision 3 credits

Choose one from the following:

TMGT 491 - Creativity and Ideation Techniques and Practice 3 credits

TMGT 497 - Problem Solving Techniques: A Team Approach 3 credits

Choose one from the following:

ECT 437 - Industrial Computer Systems Management 3 credits

TMGT 478 - Industrial Organization and Functions 3 credits

**Additional requirements (18 credits):**

Indiana State University minor in a technical area **OR** an approved technical concentration plus technical electives to complete this block of at least 18 hours.

**Directed Foundational Studies (7 credits):**

Quantitative Literacy – Choose one from the following:

MATH 115 - College Algebra and Trigonometry 3 credits

MET 215 – Graphic Analysis 3 credits

Laboratory Science:

CHEM 100 - Chemistry: Reactions and Reason 3 credits

CHEM 100L - Chemistry: Reactions and Reason Laboratory 1 credits

**Or**

(48 credit hours plus 15 Foundational Studies credits)

**Degree completion for transfer students with an associate of science from a regionally accredited college in a related technical area**

This program is designed primarily to be a degree completion program that articulates with regionally accredited associate of science degree programs in industrial and engineering technology related areas. This degree completion option includes **all** course work for satisfying Indiana State University graduation requirements.

**Required courses:**

**Health, Safety, and Environmental Health Sciences (3 credits):**

**Choose one from the following:**

HLTH 212 - Introduction to Industrial Health and Safety 3 credits

HLTH 318 - Industrial Accident Prevention I 3 credits

**Mechanical Engineering Technology (3 credits):**

MET 405 - Economic Analysis for Engineering and Technology 3 credits

**Technology Management (21 credits):**

TMGT 351 - Professional Internship 3 credits

TMGT 429 - Workplace Law for the Technical Manager 3 credits

TMGT 471 - Production Planning and Control I 3 credits

TMGT 473 - Quality Control of Industrial Products I 3 credits

TMGT 492 - Industrial Supervision 3 credits

Choose one from the following:

TMGT 491 - Creativity and Ideation Techniques and Practice 3 credits

TMGT 497 - Problem Solving Techniques: A Team Approach 3 credits

Choose one from the following:

ECT 437 - Industrial Computer Systems Management 3 credits

TMGT 478 - Industrial Organization and Functions 3 credits

**Directed electives (21 credits):**

21 credits from an approved minor or concentration in the College of Technology and/or approved technical electives to complete this block.

**Remaining Foundational Studies as per Indiana State University Policy (15 credits):**

Junior Level Composition – 3 credits (see Foundational Studies Program)

Ethics & Social Responsibility – 3 credits (see Foundational Studies Program)

Upper Division Integrative Electives – 9 credits (see Foundational Studies Program)

**or**

**Degree completion for transfer students with an associate of applied science from a regionally accredited college in a related technical area (48 semester hours plus Foundational Studies)\*\***

\*\*This program is designed primarily to be a degree completion program that articulates with regionally accredited associate of applied science degree programs in industrial and engineering technology related areas. Any Indiana State University required major or Foundational Studies coursework not completed in the associate of applied science degree must be completed before graduation from this degree program.

**Required courses:**

**Health, Safety, and Environmental Health Sciences (3 credits):**

Select 3 credits from the following:

HLTH 212 - Introduction to Industrial Health and Safety 3 credits

HLTH 318 - Industrial Accident Prevention I 3 credits

**Mechanical Engineering Technology (3 credits):**

MET 405 - Economic Analysis for Engineering and Technology 3 credits

**Technology Management (21 credits):**

TMGT 351 - Professional Internship 3 credits

TMGT 429 - Workplace Law for the Technical Manager 3 credits

TMGT 471 - Production Planning and Control I 3 credits

TMGT 473 - Quality Control of Industrial Products I 3 credits

TMGT 492 - Industrial Supervision 3 credits

Select one from the following:

TMGT 491 - Creativity and Ideation Techniques and Practice 3 credits

TMGT 497 - Problem Solving Techniques: A Team Approach 3 credits

Select one from the following:

ECT 437 - Industrial Computer Systems Management 3 credits

TMGT 478 - Industrial Organization and Functions 3 credits

**Directed electives (21 credits):**

21 credits in a minor or concentration in the College of Technology and/or approved electives, and deficiencies from the associate of applied science degree, which may include Foundational Studies courses, to complete this block.

*Preferred effective term: Fall 2010*

**COLLEGE OF TECHNOLOGY: Technology Management**

**Career and Technical Education Major (79 credits)**

**CIP Code: 131320 Major Code: E535**

**Brief summary:**

The Bachelor of Science in Adult and Career Education (ACE) is designed for returning adult students who have previously earned a significant number of college credits, preferably 60 or



more, but for various reasons did not complete their undergraduate work and earn a degree. The B.S. in ACE degree provides a flexible, individualized approach to completing a bachelor's degree. The program is offered in an online format with core courses meeting in an accelerated pace of 8 weeks. The program is also flexible in accepting prior college credits and accepting various forms of assessment of prior learning (military training, non-collegiate sponsored training, proficiency exams, and work experiences).

The BS degree will have a flexible curriculum with Tracks available from courses provided by all colleges at Indiana State University. The B.S. in ACE will be a revision to the Bachelor of Science in Career and Technical Education and will remain housed in the College of Technology.

### **Student Learning:**

B. S. in Career and Technical Education (CTE) majors must have work experience or related technical college course work in the field in which they wish to teach at the secondary level. This requirement limits the target audience for the program and is reflected in the low enrollment. Additionally, as Career and Technical Education is the broad umbrella for career areas such as: Agriculture, Trade and Industry, Business and Marketing, Family and Consumer Sciences, Health Occupations, Public Safety and Security, and Technology – according to the Association for Career and Technical Education – completers of the program receive their license in only one area, *Trade and Industry*. This has caused confusion for students, faculty, and administrators. The proposed B.S. in Adult and Career Education (ACE) will target the same audience; however, completers of the program will have limitless opportunities.

### **Proposed Catalog Copy:**

#### **Adult and Career Education Major (42 credits)**

**CIP Code: 131320 Major Code: \_\_\_\_\_**

The bachelor of science in adult and career education is designed for returning adult students who have previously earned a significant number of college credits, preferably 60 or more, but for various reasons did not complete their undergraduate work and earn a degree.

#### **Career and Technical Education (6 credits):**

- CTE 330 – Introduction to Adult and Career Education 3 credits
- CTE 494 – Industrial Vocational Technical Education Workshop 3 credits

#### **Human Resource Development (6 credits)**

- HRD 355 – Work-Life Integration 3 credits
- HRD 489 – Adult Learners 3 credits

#### **Technology Management (9 credits)**

- TMGT 491 – Creativity and Ideation Techniques and Practices 3 credits
- TMGT 495 – Abstracting, Inferencing, and Technological Thinking 3 credits
- TMGT 497 – Problem Solving Techniques 3 credits

#### **Directed Elective (3 credits)**

**18 hour Track (18 credits):** Can be fulfilled with an Indiana State University minor, certificate, or interdisciplinary course work approved by the advisor.

*Preferred effective term: Fall 2010*

## **PROGRAM ELIMINATIONS**

**COLLEGE OF ARTS AND SCIENCES: Music**

**Music Major with Concentration in Music History and Literature**

**CIP Code: 500901 Major Code: 3333**

### **Brief Summary:**

This is a low enrollment concentration was recommended for elimination by the Prioritization Taskforce in 2006. Also the curriculum is incompatible with our accrediting agency (National Association of Schools of Music) guidelines that stipulate the BA in Music is to have only 30-45% music courses.

*Preferred effective term: Fall 2010*

**COLLEGE OF ARTS AND SCIENCES: Music**

**Bachelor of Science Music/Choral**

**CIP Code: 500901 Major Code: 3340**

### **Brief Summary:**

This program shows no enrollment, and has no enrollment historically. It's believed that this was set up incorrectly and never used.

*Preferred effective term: Fall 2010*

**COLLEGE OF ARTS AND SCIENCES: Music**

**Bachelor of Arts in Music with concentration in Music Theory and Literature**

**CIP Code: 500901 Major Code: 3334**

The Department of Music wishes to eliminate this degree, as it is a low enrollment concentration that currently fall under the wrong degree rubric. Our accrediting agency (National Association of Schools of Music) does not allow any bachelor of arts in music to have the large percentage of music courses when there are other music degree titles available, and we do have both the bachelor of music and the bachelor of music education degrees here. The bachelor of arts in music is to have only 30-45% music courses.

*Preferred effective term: Fall 2010*

## **UNDERGRADUATE APPROVALS**

### **COURSE REVISIONS**

## **COLLEGE OF TECHNOLOGY: Electronics, Computer, and Mechanical Engineering Technology**

### **ECT 406 - Computer Systems Integration**

3 credits

The factory floor to the business enterprise and the process-to-enterprise chain are parts of computer-based system integration. Students study the methodology for accomplishing the system integration process and apply concepts through case-study exercises.

**Prerequisites:** ECT 306

*Change title, description, and prerequisites to:*

### **ECT 406 – Senior Project**

3 credits

Students work in group on a design/research problem. The project could be developed through industry collaboration, faculty research, or at the students' own initiative through literature search. The project requires computer engineering technology faculty approval, formal oral presentation and written report.

**Prerequisite:** senior standing

A-F Grading

*Preferred effective term: Spring 2011*

## **COURSE REVISIONS** **FOUNDATIONAL STUDIES CREDIT**

### **COLLEGE OF ARTS AND SCIENCES: Music**

#### **MUS 150 - Introduction to Musical Traditions I**

2 credits

Historical survey of musical style in Western art music from the Middle Ages to the present, with emphasis on critical listening and score reading. Includes introduction to basic research and writing skills pertaining to music. The ability to read music is essential.

**Note:** Three class hours a week.

**General Education Credit:** [GE2000: Literary, Artistic, and Philosophical Studies-Elective]

*Change General Education Credit to Foundational Studies Credit:*

#### **MUS 150 - Introduction to Musical Traditions I**

2 credits

Historical survey of musical style in Western art music from the Middle Ages to the present, with emphasis on critical listening and score reading. Includes introduction to basic research and writing skills pertaining to music. The ability to read music is essential.

**Note:** Three class hours a week.

**Foundational Studies Credit:** [FS 2010: Fine and Performing Arts]

*Preferred effective term: Fall 2010*

## **GRADUATE APPROVALS**

### **NEW COURSES**

## **COLLEGE OF NURSING, HEALTH, AND HUMAN SERVICES: Advanced Practice Nursing**

### **NURS 810 – Community Health Planning**

3 credits

This course provides information on how to conduct a community health assessment identifying appropriate community needs. In addition, program planning to address those needs is discussed using evidence-based practice.

**Prerequisites:** Admitted into the Doctor of Nursing Program.

A-F Grading

*Preferred effective term: Fall 2010*

### **NURS 822 – Organizational Informatics**

3 credits

This course focuses on information technology and its application in the underserved and rural healthcare settings with emphasis on analysis, implementation and selection related to ethical, regulatory, and legal issues.

**Prerequisites:** Admitted to the College of Graduate and Professional Studies or consent of instructor.

A-F Grading

*Preferred effective term: Fall 2010*

### **NURS 825 – Analytical Methods**

3 credits

Critique and application of research to support advanced nursing practice and to support new models of care delivery using evidence-based practice.

**Prerequisites:** Admitted into the Doctor of Nursing Program.

A-F Grading

*Preferred effective term: Fall 2010*

### **NURS 840 – Culturally Competent Care**

3 credits

This course explores issues related to interpersonal dynamics, culturally sensitive care, access, and social justice in health care for underserved, rural, and minority populations.

**Prerequisites:** Admitted into the College of Graduate and Professional Studies or consent of instructor.

A-F Grading

*Preferred effective term: Fall 2010*

### **NURS 842 – Health Policy Leadership**

3 credits

This course provides students with skills to develop innovative approaches to complex issues involving health care systems. Creating shared visions, advocacy, strategic planning, and change management are addressed.

**Prerequisites:** Admitted into the College of Graduate and Professional Studies or consent of the instructor.

A-F Grading

*Preferred effective term: Fall 2010*

**NURS 850 – Rural/Underserved Residency**

3 credits

This course provides the tools to evaluate and improve health care programs and clinical outcomes. The focus is the clinical management of clients within underserved or rural health care systems.

**Prerequisites:** NURS 894

**Co-requisites:** NURS 895

A-F Grading

*Preferred effective term: Fall 2010*

**NURS 891 – Scholarly Project I**

3 credits

This course provides opportunities for analysis of dynamic community systems and programming models. Theoretical frameworks for transformation, application, and synthesis of knowledge and skills into independent practice are explored.

**Prerequisites:** Admitted into the Doctor of Nursing Program.

**Co-requisites:** HLTH 612

A-F Grading

*Preferred effective term: Fall 2010*

**NURS 892 – Scholarly Project II**

3 credits

This course provides students with skills to develop innovative approaches to complex issues in the health care system. Creating shared visions, advocacy, strategic planning, and program development are addressed.

**Prerequisites:** NURS 810, 891

A-F Grading

*Preferred effective term: Fall 2010*

**NURS 893 – Scholarly Project III**

3 credits

This course focuses on implementation of an evidence-based independent clinical practice model. The student will implement a program for improving patient/population health outcomes.

**Prerequisites:** NURS 892

A-F Grading

*Preferred effective term: Fall 2010*

**NURS 894 – Scholarly Project IV**

3 credits

This course provides opportunities to evaluate a health care program for underserved and rural populations. Students examine core principles of and challenges to program evaluation.

**Prerequisites:** NURS 893

A-F Grading

*Preferred effective term: Fall 2010*

**NURS 895 – Capstone Scholarly Project**

3 credits

This course provides students with the opportunities to present and publish research/assessment findings to improve health outcomes for underserved and rural populations.

**Prerequisites:** NURS 894

A-F Grading

*Preferred effective term: Fall 2010*

## **CORRECTIONS**

**The Political Science Major and Minor that were published as approved in Academic Notes of February 1, 2010, had PSCI 270 as a requirement in both programs. This course was eliminated in 1981 and has to be replaced with PSCI 271. The corrections to both programs are reflected in bold and italics.**

**Political Science Major (39 credits)**

**CIP Code: 451001 Major Code: \_\_\_\_\_**

The major in Political Science is designed to give students a solid foundation across the breadth of the discipline. The American Politics and World Politics core courses ensure a deeper foundation in the institutions and processes of politics in the U.S. and the world. For students who would like greater depth in one of these two areas, they may use their 9 hours of electives to create a concentration in either American Politics or World Politics.

**Gateway Course (required)**

PSCI 201 – Introduction to American Politics

**Foundation Courses (required)**

PSCI 245 – Political Inquiry

***PSCI 271 – Introduction to International Relations***

PSCI 280 – Introduction to Comparative Politics

PSCI 319 – Survey of Political Thought

**American Politics Core (6 credits)**

Choose from the following:

PSCI 305 – State and Local Government

PSCI 409 – The U.S. Congress

PSCI 414 – The American Presidency

PSCI 410 – Campaigns and Elections

**World Politics Core (6 credits)**

Choose from the following:

PSCI 360 – American Foreign Policy

PSCI 372 – Conflict and Cooperation in International Politics  
PSCI 473 – International Law  
PSCI 476 – Politics of Globalization

**Capstone Course (required)**

PSCI 499 – Senior Seminar in Political Science

**Electives (9 credits)**

Choose from among courses in the American Politics and World Politics areas. No duplication of courses from requirements above.

**American Politics Area**

PSCI 305 – State and Local Government  
PSCI 409 – The U.S. Congress  
PSCI 414 – The American Presidency  
PSCI 410 – Campaigns and Elections  
(No duplication from American Politics Core)  
PSCI 308 – The Judicial Process  
PSCI 317 – American Constitutional Law I: An Introduction  
PSCI 330 – Introduction to Public Administration  
PSCI 400 – Topics in American Government and Politics  
PSCI 404 – Indiana Politics  
PSCI 418 – Constitutional Law II: Civil Rights and Civil Liberties  
PSCI 419 – Law and American Society  
PSCI 420 – Topics in Legal Studies

**World Politics Area**

PSCI 360 – American Foreign Policy  
PSCI 372 – Conflict and Cooperation in International Politics  
PSCI 473 – International Law  
PSCI 476 – Politics of Globalization  
(No duplication from World Politics Core)  
PSCI 470 – Topics in International Politics  
PSCI 471 – The United Nations and World Order  
PSCI 479 – The Rise of China  
PSCI 480 – Topics in Comparative Politics  
PSCI 483 – Politics in Latin America  
PSCI 488 – African Politics  
PSCI 490 – Politics of the Middle East

**Concentration in American Politics**

Students wishing to focus on American politics can create a Concentration in American Politics by taking all 9 hours of their electives in the American Politics area (see courses listed above). No duplication of courses from the American Politics Core.

## **Concentration in World Politics**

Students wishing to focus on world politics can create a Concentration in World Politics by taking all 9 hours of their electives in the World Politics area (see courses listed above). No duplication of courses from the World Politics Core.

In addition to PSCI 499, students must complete at least 12 hours at the 400 level.

Up to 6 hours from PSCI 495, 497, and/or 498 may be counted toward the 39 hour requirement.

*Preferred effective term: Fall 2010*

## **Political Science Minor (18 credits)**

**CIP Code: 4541001 Major Code: \_\_\_\_\_**

### **Political Science Gateway Course:**

PSCI 201 - Introduction to American Politics 3 credits

### **Two Courses from Political Science Foundation Courses:**

PSCI 245 - Political Inquiry 3 credits

***PSCI 271 - Introduction to International Politics 3 credits***

PSCI 280 - Introduction to Comparative Politics 3 credits

PSCI 319 - Survey of Western Political Thought 3 credits

### **Political Science Electives:**

- 9 credits, with at least 3 credits at the 400 level.  
(PSCI 495, 497, and 498 may not be taken as electives.)

*Preferred effective term: Fall 2010*