#### MEMORANDUM

January 26, 2012

- **TO:** Academic Deans Council
- **FROM:** Dr. Angi E. Bourgeois UCCC Chair
- **RE:** Change Notice 3

Listed below are curriculum change proposals which have been recommended by the University Committee on Courses and Curricula. Under current procedure, members of the Academic Deans Council may question the approval of these proposals at any time prior to *5:00 p.m.* on February 8, 2012 by contacting the Committee's office (5-0831), or the office of the Vice President for Academic Affairs (5-3742). If no questions have been raised, the proposals will be considered to have been approved automatically.

## 1. COURSE PROPOSALS

## ARCHITECTURE, ART, & DESIGN

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Modify From:	ART 3033	<b>Non-Objective Painting</b> . (3). (Prerequisite: ART 1213). Six hours studio. Introduction to nonobjective painting. Intermediate painting with further emphasis on the skills and techniques of painting.
To:	ART 3033	<b>Non-Representational Painting</b> . (3). (Prerequisite: ART 1213). Six hours studio. Introduction to non-representational painting. Intermediate painting with further emphasis on the skills and techniques of painting. Effective: Summer 2012
Modify From:	ART 3203	<b>Darkroom Experiences</b> . (3). (Prerequisites: Art 2103 or permission of instructor). One hour lecture. Four hours studio. Advanced techniques of photographic processes in black and white with emphasis on aesthetics.
To:	ART 3243	<b>Intermediate Darkroom</b> . (3). (Prerequisites: Art 2103, ART 3223 or permission of instructor). One hour lecture. Four hours studio. Advanced techniques of photographic processes in black and white with emphasis on aesthetics.
		Effective: Summer 2012
Add	ART 3523	<b>3D Seminar</b> . (3). (Prerequisites: ART 2403 or ART 2503). Six hours studio. Research and investigation of the origins, community, processes, and message of contemporary three-dimensional art and craft.
		METHOD OF INSTRUCTION: Q DELIVERY: F
		C.I.P.: 50.0709 24-CHAR: 3D Seminar
		Effective: Summer 2012

Add	ART 3633	<ul> <li>History of Photography. (3). Three hours lecture. The history of still photography as a fine art from its beginning to present.</li> <li>METHOD OF INSTRUCTION: C DELIVERY: F</li> <li>C.I.P.: 50.0703</li> <li>24-CHAR: History of Photography</li> <li>Effective: Summer 2012</li> </ul>
Modify From:	ART 3873	<b>Digital Photography</b> . (3). (Prerequisites: ART 2103 and ART 3423 or permission of instructor). Six hours studio. The techniques and aesthetics of digital imagery emphasizing the use of traditional photographic input and output processes.
То:	ART 3873	<b>Digital Photography</b> . (3). (Prerequisites: ART 2103 or permission of instructor). Six hours studio. The techniques and aesthetics of digital imagery emphasizing the use of digital photographic input and output processes.
		Effective: Summer 2012
Modify From:	ART 4083	<b>Senior Honors Research</b> . (3). (Prerequisites: Senior standing and consent of instructor). 3 hours lecture. The application of research methods for the fine artist in contemporary society.
То:	ART 4083	<ul> <li>Senior Research. (3). (Prerequisites: Senior Standing and consent of instructor, coreqisite: enrollment in ART 4600 or ART 4610 or ART 4620 or ART 4630 or ART 4453 or ART 4463 or ART 4473 or ART 4483). 3 hours lecture. The application of research methods for the fine artist in contemporary society.</li> <li>Effective: Summer 2012</li> </ul>

Modify From:	ART 4093	<b>Senior Honors Thesis</b> . (3). Prerequisites: ART 4083 or consent of instructor, corequisite: enrollment in studio emphasis course. Three hours lecture. The proposal, development and execution of a project or exhibition.
То:	ART 4093	<b>Senior Thesis</b> . (3). (Prerequisites: Senior Standing and consent of instructor, corequisite: enrollment in ART 4600 or ART 4610 or ART 4620 or ART 4630 or ART 4453 or ART 4463 or ART 4473 or ART 4483). Three hours lecture. The proposal, development and execution of a project or exhibition.
		Effective: Summer 2012
Add	ART 4323	Advanced Painting. (3). (Prerequisite: ART 2303, ART 3303, and ART 3403). Six hours studio. Exploration of advanced printmaking concepts and techniques. Emphasizes refining a personal aesthetic using previously learned print processes with plate lithographic techniques. METHOD OF INSTRUCTION: Q DELIVERY: F C.I.P.: 50.0710 24-CHAR: Adv. Printmaking
		Effective: Summer 2012
Modify From:	ART 4443/6443	Alternative Color Photography. (3). (Prerequisites: ART 2103 and ART 3423or permission of instructor). One hours lecture. Four hours studio. Advanced problems in color photography utilizing the dye transfer and Polaroid processes.
То:	ART 4443/6443	Alternative Color Photography. (3). (Prerequisites: ART 2103 or permission of instructor). One hours lecture. Four hours studio. Alternative photographic processes in color with emphasis on aesthetics. Effective: Summer 2012

Add	ART 4453	Ceramics-Handbuilding. (3). (Prerequisites: ART 2503 or consent of instructor). Six hours studio. Advanced skills and professional practices focused on non-wheel forming techniques for creative expression in clay. May be taken twice for credit. METHOD OF INSTRUCTION: Q DELIVERY: F C.I.P.: 50.0711 24-CHAR: Cer Handbuilding Effective: Summer 2012
Add	ART 4463	
Add	ART 4473	Ceramics- Glaze Formation. (3). (Prerequisites: ART 2503 or consent of instructor). Six hours studio. Advanced skills and professional practices focused on the chemistry of ceramic glazes and developing various application techniques. May be taken twice for credit. METHOD OF INSTRUCTION: Q DELIVERY: F C.I.P.: 50.0711 24-CHAR: Cer. Glaze Formation Effective: Summer 2012

Add	ART 4483	Ceramics- Professional Practices. (3). (Prerequisites: ART 2503 or consent of instructor). Six hours studio. Advanced skills with a focus on the development of a marketable aesthetic and professional practices. May be taken twice for credit. METHOD OF INSTRUCTION: Q DELIVERY: F C.I.P.: 50.0711 24-CHAR: Cer. Prof. Practices
		Effective: Summer 2012
Add	ART 4583	<ul> <li>Photographic Portfolio I. (3). (Prerequisites: senior standing, Photography concentration majors or permission of instructor). Six hours studio. This course is an introduction to the professional practices in photography and the development of a portfolio.</li> <li>METHOD OF INSTRUCTION: Q DELIVERY: F</li> </ul>
		C.I.P.: 50.0605 24-CHAR: Photographic Portfolio I
Add	ART 4593	Effective: Summer 2012 <b>Photographic Portfolio II</b> . (3). (Prerequisites: ART 4593 or consent of instructor). Six hours studio. This course is an extension of the professional practices in photography and the completion with an exhibition of a portfolio from ART 4593.
		METHOD OF INSTRUCTION: Q DELIVERY: F C.I.P.: 50.0605 24-CHAR: Photographic Portfolio 2 Effective: Summer 2012

Add	ART 4733	<ul> <li>Sculpture- Furniture Making. (3). (Prerequisites: ART 2403 or ID 4693 or permission of instructor). Six hours studio. An in-depth investigation into the design and execution of contemporary studio furniture. May be taken twice for credit.</li> <li>METHOD OF INSTRUCTION: Q DELIVERY: F</li> <li>C.I.P.: 50.0709</li> <li>24-CHAR: SculpFurniture Making</li> </ul>
		Effective: Summer 2012
Add	ART 4743	Sculpture- Metal Fabrication. (3). (Prerequisites: ART 2403 or consent of instructor). 6 hours studio. Introduction to the history and techniques of metalworking including cutting, forming, welding, brazing, finishing, mechanics, kinetics and armature making. May be taken twice for credit. METHOD OF INSTRUCTION: Q DELIVERY: F C.I.P.: 50.0709 24-CHAR: SculpMetal Fab.
Add	ART 4753	Effective: Summer 2012 Sculpture- Materials & Processes. (3). (Prerequisites: ART 2403 or consent of instructor). Six hours studio. Introduction and exploration of materials and processes used in design and production of contemporary objectives. May be taken twice for credit. METHOD OF INSTRUCTION: Q DELIVERY: F C.I.P.: 50.0709 24-CHAR: SculpMat & Processes
		Effective: Summer 2012

Modify From:	ART 4873	<b>Digital Imaging I</b> . (3). (Prerequisites: ART 3130, ART 2803, or consent of instructor). Six hours studio. Application of computer software to generate electronic images captured by traditional photographic means. Advanced problems and additional project will be required for graduate credit.
То:	ART 4873	<b>Digital Imaging I</b> . (3). (Prerequisites: ART 2103or consent of instructor). Six hours studio. Application of computer software to generate electronic images captured by traditional photographic means. Advanced problems and additional project will be required for graduate credit. Effective: Summer 2012

ARTS & SCIE	INCES	
Modify From:	GG 8113	<b>Geology I: Processes and Products</b> . (3). (Prerequisite: Consent of instructor). Three hours lecture (online). Principles of physical geology with emphasis on earth materials and processes, rock and mineral identification, and landscape development. Primarily for K-12 teachers.
To:	GG 6113	<b>Geology I: Processes and Products</b> . (3). (Prerequisite: Consent of instructor). Three hours lecture (online). Principles of physical geology with emphasis on earth materials and processes, rock and mineral identification, and landscape development. Primarily for K-12 teachers.
		Effective: Fall 2012
Modify From:	GG 8123	<b>Geology II: Earth, Time, and Life</b> . (3). (Prerequisite: GG 8113 or consent of instructor). Three hours lecture (online). Principles of historical geology with emphasis on geological time, earth history, fossils, evolution, and extinction. Primary for L-12 teachers.
To:	GG 8123	<b>Geology II: Earth, Time, and Life</b> . (3). (Prerequisite: GG 6113 or consent of instructor). Three hours lecture (online). Principles of historical geology with emphasis on geological time, earth history, fossils, evolution, and extinction. Primary for L-12 teachers. Effective: Spring 2013

## ADTS & SCIENCES

Modify From:	GG 8203	Ocean Science. (3). (Prerequisite: GG 8113 or consent of instructor). Three hours lecture (online). Comprehensive examination of the ocean, focusing on the topography, physics, chemistry, and circulations. Primary for K-12 teachers.
To:	GG 8203	<b>Ocean Science</b> . (3). (Prerequisite: GG 6113 or consent of instructor). Three hours lecture (online). Comprehensive examination of the ocean, focusing on the topography, physics, chemistry, and circulations. Primary for K-12 teachers.
Modify	<u>GG 9333</u>	Effective: Summer 2013
Modify From:	GG 8233	<b>Environmental Geosciences</b> . (3). (Prerequisite: GG 8113 or consent of instructor). Three hours lecture (online). Study of current environmental problems associated with the earth sciences realms: atmosphere, biosphere, hydrosphere, and lithosphere. Primary for K-12 teachers.
To:	GG 8233	<b>Environmental Geoscience</b> . (3). (Prerequisite: GG 6113 or consent of instructor). Three hours lecture (online). Study of current environmental problems associated with the earth sciences realms: atmosphere, biosphere, hydrosphere, and lithosphere. Primary for K-12 teachers.
		Effective: Fall 2013
Modify From:	GG 8333	<b>Planetary Science</b> . (3). (Prerequisite: GG 8113 or consent of instructor). Three hours lecture (online). Examination of mineral matter and geological process of the moon, the planets, asteroids, comets, and meteorites. Primarily for K-12 teachers.
То:	GG 8333	<ul> <li>Planetary Science. (3). (Prerequisite: GG 6113 or consent of instructor). Three hours lecture (online).</li> <li>Examination of mineral matter and geological process of the moon, the planets, asteroids, comets, and meteorites.</li> <li>Primarily for K-12 teachers.</li> <li>Effective: Fall 2013</li> </ul>

Modify From:	GG 8613	<b>Hydrology</b> . (3). (Prerequisite: GG 8113 or consent of instructor). Three hours lecture (online). Investigation of the occurrence, distribution, movement, chemistry, and geological controls of earth's surface water and groundwater. Primarily for K-12 teachers
То:	GG 8613	<b>Hydrology</b> . (3). (Prerequisite: GG 6113 or consent of instructor). Three hours lecture (online). Investigation of the occurrence, distribution, movement, chemistry, and geological controls of earth's surface water and groundwater. Primarily for K-12 teachers.
	<b>C C C C C C C C C C</b>	Effective: Spring 2013
Add	GG 8913	<b>Research, Readings, and Techniques in Geosciences</b> . (3). (Prerequisite: consent of instructor). Three hours seminar. Writing and discussion of topics related to the conduct of research in the Geosciences with a focus on faculty research areas.
		METHOD OF INSTRUCTION: S
		DELIVERY: F
		C.I.P.: 40.0699
		24-CHAR: Reading Techniques Geo
		Effective: Fall 2012
Modify From:	GR 3313	<b>Introduction to Geodatabases</b> . (3). (Prerequisite: GR 2313 or consent of instructor). Three hours lecture. Examination of geodatabases structures utilized in Geographic Information Systems Implementations of GIS components through spatial programming using Visual Basic applications designed for geospatial data.
То:	GR 4353/6353	Geodatabase Design. (3). (Prerequisite: GR 4303/6303 or consent of instructor). Three hours lecture. Examination of Geodatabase structures. Integration of relational databases with Geographic Information Systems. Management of spatial data using geodatabases. Implementation of Geodatabase processes through spatial programming. Effective: Summer 2012

Modify From:	GR 4363/6363	<b>Geographic Information Systems Programming</b> . (3). (Prerequisite: GR 3313 or consent of instructor). Two hours lecture. Two hours laboratory. Basics in Visual Basic and ArcObject, Visual Basic Applications for ArcGIS, Geoprocessing script using Python.
То:	GR 4363/6363	<b>Geographic Information Systems Programming.</b> (3). (Prerequisite: Either GR 4303/6303 or consent of instructor). Two hours lecture. Two hours laboratory. Design and implementation of geoprocessing scripts. Incorporation of modeling languages within geographic information systems (GIS) analysis. Seamless integration of other software programs with GIS software.
		Effective: Summer 2012
Delete	GR 4663	<b>Satellite Meteorology</b> . (3). (Prerequisite: Consent of instructor). Three hours video and online. Study of the history, operations, and applications of satellites in weather analysis. Theory of meteorological measurements in determinations of atmosphere structure
		Effective: Summer 2012
Delete	GR 4673	<b>Radar Meteorology</b> . (3). (Prerequisite: Consent of instructor). Three hours video and online. Detailed analysis of the use of Doppler radar in weather operations. Emphasis on Doppler velocity measurements, clear-air return, and severe storm identification and warning.
		Effective: Summer 2012
Add	GR 4841/6841	Observations of Severe Local Storms. (1). (Prerequisite: Consent of instructor). One hour field experience. Real-world practice in forecasting, now casting, observation, and reporting of severe storms in U.S. Great Plains. METHOD OF INSTRUCTION: B DELIVERY: O and F
		C.I.P.: 40.0404
		24-CHAR: Severe Storm Observation
		Effective: Summer 2012

Add	GR 4843/6843	<ul> <li>Field Methods for Severe Local Storms. (3).</li> <li>(Perquisite: consent of instructor). Two hours lecture. Two hours field experience. Application of the latest synoptic and mesoscale severe weather forecasting methods concluding with field operations in the U.S. Great Plains.</li> <li>METHOD OF INSTRUCTION: B DELIVERY: O C.I.P.: 40.0404 24-CHAR: Severe Storm Methods</li> <li>Effective: Summer 2012</li> </ul>
Modify From:	GR 8113	Meteorology I: Observations. (3). Three hours lecture. Principles of meteorology with emphasis on elements, controls, and forecasting of atmospheric phenomena. Concentration on daily weather observation and the movement of weather systems. Primarily for K-12 teachers.
То:	GR 6113	<b>Meteorology I: Observations</b> . (3). Three hours lecture. Principles of meteorology with emphasis on elements, controls, and forecasting of atmospheric phenomena. Concentration on daily weather observation and the movement of weather systems. Primarily for K-12 teachers.
Modify	GR 8123	Effective: Fall 2012 Meteorology II: Forecasting and Storms. (3).
From:		(Prerequisite: GR 8113 or consent of instructor). Three hours lecture (online). Continuation of Meteorology I. Emphasis on the forecasting of daily weather events and on severe weather. Primarily for K-12 science teachers. <b>Meteorology II: Forecasting and Storms</b> . (3).
To:	GR 8123	Prerequisite: GR 6113 or consent of instructor). Three hours lecture (online). Continuation of Meteorology I. Emphasis on the forecasting of daily weather events and on severe weather. Primarily for K-12 science teachers.
		Effective: Summer 2012

Add	GR 8133	Foundations in Forecasting. (3). (Prerequisite: GR 8123 or consent of instructor). Three hours lecture (online). Emphasis on daily weather forecasting at the synoptic and meso scales and introduction and investigation of advanced methods. METHOD OF INSTRUCTION: I DELIVERY: O C.I.P.: 40.0404 24-CHAR: Foundations Forecasting Effective: Summer 2012
Modify	GR 8303	Geodatabase Systems. (3). (Prerequisite: GR 4353/6353
From:	GK 8505	or consent of instructor). Two hours lecture. Two hours laboratory. Examination of database structures utilized in geospatial information systems. Design and use of geospatial databases through spatial programming in development and implementation of spatial models.
To:	GR 8303	Advanced Geodatabase Systems. (3). (Prerequisite: GR 4353/6353 or consent of instructor). Two hours lecture. Two hours laboratory. Examination of database structures utilized in geospatial information systems. Design and use of geospatial databases through spatial programming in development and implementation of spatial models.
		Effective: Summer 2012
Add	GR 8913	Philosophy and Ethics in Geosciences. (3). (Prerequisite: consent of instructor). Three hours seminar. Writing and discussion of topics related to the history and philosophy of science, professional and academic ethics, and epistemological issues related to the Geosciences.\
		METHOD OF INSTRUCTION: S DELIVERY: F
		C.I.P.: 40.0699 24-CHAR: Phil & Ethics in GeoSci
		Effective: Summer 2012

## BUSINESS

Modify From:	ACC 8013	Seminar in Financial Accounting Theory. (3). (Prerequisite: ACC 4023). Examination of theoretical concepts, definitions, and models espoused in the available literature and relevant to analyzing various contemporary issues in financial accounting and reporting.
To:	ACC 8013	<ul> <li>Seminar in Financial Accounting Theory. (3).</li> <li>(Prerequisite: ACC 3033). Examination of theoretical concepts, definitions, and models espoused in the available literature and relevant to analyzing various contemporary issues in financial accounting and reporting.</li> <li>Effective: Summer 2012</li> </ul>

### **EDUCATION**

EDUCATION		
Modify	COE 8703	<b>Community Counseling</b> . (3). Three hours lecture.
From:		Overview of the history, philosophy, trends and practices of community counseling.
То:	COE 8703	<b>Community Counseling</b> . (3). Three hours lecture. Overview of the history, philosophy, trends and practices of mental health counseling.
		Effective: Spring 2010

## ENGINEERING

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Add	CSE 4453/6453	Game Design. (3). (Prerequisites: All majors: junior
		standing, Design-oreiented majors: courses in digital art
		and/or sound design. CS/SE/CPE majors: CSE 3324 or
		equivalent with a grade of C or better). Three hours
		lecture. Principles of computer game design: Game
		mechanics, structure, narrative,
		character/environment/level design.
		METHOD OF INSTRUCTION: C
		DELIVERY: F and O
		C.I.P.: 11.0701
		24-CHAR: Game Design
		Effective: Summer 2012

Modify From:	CSE 8011	<b>Graduate Seminar</b> . (3).One hour seminar. Reports on recent advances and problems in computer science by guest speakers, faulty, and students; student participation, general discussion. May be taken for credit more than once.
To:	CSE 8011	<b>Graduate Seminar</b> . (3). One hour seminar. Reports on recent advances and problems in computer science by guest speakers, faulty, and students; student participation, general discussion. Effective: Summer 2012

**VET-MED** 

VEI-MED		
Modify From:	CVM 5032	<b>Immunology</b> . (2). (Prerequisite: Enrollment in the professional veterinary degree program). Two hours lecture. Presentation of the principles regarding immune response in health and disease. Introduction to Veterinary Immunology.
То:	CVM 5033	<b>Immunology</b> . (3). (Prerequisite: Enrollment in the professional veterinary degree program). Three hours lecture. Presentation of the principles regarding immune response in health and disease. Introduction to Veterinary Immunology. Effective: Summer 2012
Modify From:	CVM 5032G	<b>Immunology</b> . (2). (Perquisites: Enrollment in the professional veterinary degree program and enrollment in a Ph.D program). Two hours lecture. Completion of project assigned by course leader required. Presentation of the principles regarding immune response in health and disease.
То:	CVM 5033G	<b>Immunology</b> . (3). (Perquisites: Enrollment in the professional veterinary degree program and enrollment in a PhD program). Three hours lecture. Completion of project assigned by course leader required. Presentation of the principles regarding immune response in health and disease.
		Effective: Summer 2012

Modify From:	CVM 5464	<b>Equine Medicine &amp; Surgery Advanced Clinical</b> <b>Rotation</b> . (4). (Prerequisite: CVM 5266). Four hours practicum. Students assume primary responsibility for the resolving, diagnosis, treatment and management of equine patients. May be repeated for credit.
То:	CVM 5464	Equine Medicine & Surgery Advanced Clinical Rotation. (Varies). (Prerequisite: CVM 5266). Practicum. Students assume primary responsibility for the resolving, diagnosis, treatment and management of equine patients. May be repeated for credit. Effective: Summer 2011

## 2. DEGREE PROPOSALS

# ARCHITECTURE, ART, AND DESIGN

Effective: Summer 2012	Modify Degree: Bachelors of Fine Art Major: Art	<ol> <li>Create and Art- Undeclared designation for all students entering the Bachelor of Fine Arts degree program</li> <li>Reduce 7 concentrations to 3- converting Ceramics, Drawing, Painting, Printmaking, and Sculpture into emphasis areas under the concentration of Fine Arts</li> <li>Modify Graphic Design concentration curriculum to require CO 1003, remove 3 hours of required coursework, and give students choice of survey level courses</li> <li>Indentify Photography concentration curriculum         <ul> <li>Remove requirement of ART 2803</li> <li>Add requirement of CO 1003</li> <li>Reduce umber of required survey level courses from 18 to 12</li> <li>Require ART 3633 History of Photography or other approved photo/film art history</li> <li>Remove requirement of ART 4584 and ART 4593</li> <li>Add requirement of ART 4083 and ART 4593</li> </ul> </li> <li>Indentify Fine Arts Concentration/Emphasis curricula         <ul> <li>Remove language : "7 approved concentration courses:</li> <li>Identify the required courses and choice of electives for each emphasis</li> <li>Change ART 3803 from a requirement to an elective</li> <li>Add new upper division courses in Ceramics, Printmaking, and Sculpture emphasis to better define content currently taught in advanced studio courses.</li> </ul> </li></ol>
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**ARTS AND SCIENCES** 

Modify Degree: Certificate Major: Broadcast Meteorology	<ol> <li>Delete GR 4663 and GR 4673</li> <li>Add GR 4473 Numerical Weather Prediction</li> <li>Add GR 4753</li> <li>Effective: Summer 2012</li> </ol>
Modify Degree: Bachelors of Art Major: English	<ol> <li>Change HI 3743 History of England to "Upper Division Arts and Sciences Humanities (HI, FL, PHI) or Study Abroad Elective"</li> <li>Add EN 3313 Writing foe the Workplace as an elective option to the "Vocational" requirement.</li> <li>Change the Director of Graduate Studies from Dr. Richard Patterson to Dr. Laura Dodds.</li> </ol>
	Effective: Fall 2012
Modify	1. Delete GR 4663 and GR 4673
Degree: Certificate	2. Add GR 4473 Numerical Weather
Major: Operational Meteorology	Prediction 3. Add GR 4753
	Effective: Summer 2012

## BUSINESS

Modify	1. Remove ACC 3053 Accounting
Degree: Master's of Professional	Systems II as a required course.
Accountancy	
Major: Accounting	Effective: Summer 2012
Delete	Deletion of Certificate in Economic
Degree: Certificate	Development.
Major: Economic Development	

## **3. AOCE PROPOSALS**

## **AGRICULTURE & LIFE SCIENCES**

BCH 4013/6013	Principles of Biochemistry
FNH 4193/6193	Socio-Cultural Aspects of Food
FNH 4213	Nutrition Public Policy and Promotion

## **ARTS & SCIENCES**

EN 2273	World Literature before 1600
GR 4363/6363	Geographic Information Systems Programming
GR 4753/6753	Satellite and Radar Meteorology

GR 8133	Foundations in Forecasting
GR 8303	Advanced Geodatabase Systems
GR 4843/6843	Field Methods of Severe Local Storms
GR 4841/6841	Observation of Severe Local Storms

## BUSINESS

MGT 8813	Organizational Behavior
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#### **EDUCTION**

EDX 4873	Professional Seminar in Special Education
EDX 4886/4896	Teaching Internship in Special Education
LSK 2010	Praxis: Academic Core Enrichment

#### ENGINEERING

CSE 4453/6453	Game Design
CSE 8011	Graduate Seminar

## 4. TECHNICAL CHANGES

## ENGINEERING

Modify From:	IE 4915	<b>Design of Industrial Systems</b> . (5). (Prerequisite: Grade of C or better in the following course: IE 3124, IE 3323, and 4333). Two hours lecture. Eight hours laboratory. The fundamental procedures and techniques in design of operational systems. Emphasis on both sub-systems and total systems.
То:	IE 4915	<ul> <li>Design of Industrial Systems. (5). (Prerequisite: Grade of C or better in the following course: IE 3123, IE 3323, and 4333). Two hours lecture. Eight hours laboratory. The fundamental procedures and techniques in design of operational systems. Emphasis on both sub-systems and total systems.</li> <li>Effective: Spring 2012</li> </ul>

Modify		
From:	CSE 4413/6413	<b>Computer Graphics. (3).</b> (Prerequisites: MA 3113, and grade of C or better in CSE 2314). Three hours lecture. Graphics hardware; algorithms, graphics primitives, windowing and clipping, transformations, 3D, shading, hidden surfaces; standards.
То:	CSE 4413/6413	<b>Computer Graphics. (3).</b> (Prerequisites: MA 3113, and grade of C or better in CSE 2383). Three hours lecture. Graphics hardware; algorithms, graphics primitives, windowing and clipping, transformations, 3D, shading, hidden surfaces; standards

All of the proposals were approved with the exception of the following:

Proposals\*\*

Dr. Peter L. Ryan Associate Vice President for Academic Affairs

Date