

MEMORANDUM

January 16, 2008

TO: Academic Deans Council

FROM: Dr. Timothy Chamblee
UCCC Chair

RE: Change Notice 4

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 January 31, 2008 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

Academic Affairs

<p>ADD</p> <p>FYE 1001</p>	<p>First-Year Seminar. (1). One hour lecture. First-year seminars explore a diverse array of topics that provide students with an opportunity to learn about a specific discipline from skilled faculty members.</p> <p>METHOD OF INSTRUCTION: C MEHTOD OF DELIVERY: F C.I.P. 32.0107 24-CHARACTER ABBREVIATION First-Year Seminar</p> <p>Effective: Fall 2008</p>
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ARCHITECTURE, ART AND DESIGN

<p>MODIFY</p> <p>FROM:</p> <p>ARC 1003</p> <p>TO:</p> <p>ARC 1003</p>	<p>Concepts and Form. (3). (Prerequisites: ART 1213 or ART 1123 or ARC 1536). Three hours lecture. Introduction and practice for developing and presenting concepts and criticism.</p> <p>Concepts and Form. (3). (Prerequisites: ART 1213 or ART 1123 or ARC 1536 or BCS 2116). Three hours lecture. Introduction and practice for developing and presenting concepts and criticism.</p> <p>Effective: Fall 2008</p>
<p>MODIFY</p> <p>FROM:</p> <p>ARC 2723</p> <p>TO:</p> <p>ARC 2723</p>	<p>Materials. (3). (Prerequisite: Arc 2536 and ARC 2713). Three hours lecture. Analyzing how materials and systems are designed to respond to both environmental energies and needs. Included are soils, concrete, wood, masonry, and metals.</p> <p>Materials. (3). (Prerequisite: Architecture majors: Arc 2536 and ARC 2713. Non-architecture majors: ARC 1013). Three hours lecture. Analyzing how materials and systems are designed to respond to both environmental energies and needs. Included are soils, concrete, wood, masonry, and metals.</p> <p>Effective: Summer 2008</p>

<p>MODIFY FROM: ARC 3713</p> <p>TO: ARC 3713</p>	<p>Assemblages. (3). (Prerequisites: ARC 2546 and ARC 2723). Two hours lecture and one field study. Fabrication and construction are explored in the relationship between nature of materials and methods of assembly.</p> <p>Assemblages. (3). (Prerequisites: ARC 2546 or BCS 2126 and ARC 2723). Two hours lecture and one field study. Fabrication and construction are explored in the relationship between nature of materials and methods of assembly.</p> <p>Effective: Summer 2008</p>
<p>MODIFY FROM: ARC 3723</p> <p>TO: ARC 3723</p>	<p>Active Building Systems. (3). (prerequisites: ARC 3536 and ARC 3566 and ARC 3713 or for non-architecture major-consent of instructor). Three hours lecture. Concentrates on defining the mechanical and electrical (active) techniques available to architects for integrating thermal comfort and life safety into the built form.</p> <p>Active Building Systems. (3). (prerequisites: ARC 3536 and ARC 3566 and ARC 3713 or for non-architecture major-ARC 2713 and BSS 2116 or consent of instructor). Three hours lecture. Concentrates on defining the mechanical and electrical (active) techniques available to architects for integrating thermal comfort and life safety into the built form.</p> <p>Effective: Summer 2008</p>
<p>MODIFY FROM: ARC 3904</p> <p>TO: ARC 3904</p>	<p>Structures I. (3). (Prerequisite: MA 1613 and ARC 2546). Three hours lecture. Three hours laboratory. Application of the principles of statics and the strength of materials on structural elements.</p> <p>Structures I. (3). (Prerequisite: MA 1613 and either ARC 2546 or BCS 2126). Three hours lecture. Three hours laboratory. Application of the principles of statics and the strength of materials on structural elements.</p> <p>Effective: Summer 2008</p>

<p>ADD (included with ID 3813)</p> <p>ARC 3813</p>	<p>Study Abroad Seminar I. (3). (Prerequisite: ART 1213 or consent of instructor). Three hours seminar. 6 weeks of on-sit instruction in Italy as part of the CAAD Italy study abroad program. Course content will vary to reflect the expertise of the instructor. (Same as ART 3813 and ID 3813).</p> <p>METHOD OF INSTRUCTION: S MEHTOD OF DELIVERY: F C.I.P. 50.0605 24-CHARACTER ABBR: Study Abroad Seminar I.</p> <p>Effective: Summer 2008</p>
<p>ADD (included with ID 3823)</p> <p>ARC 3823</p>	<p>Study Abroad Seminar II. (3) (Prerequisite: ART 1213 or consent of instructor). Three hours seminar. 6 weeks of on-sire instruction in Italy as part of the CAAD Italy study abroad program. Course content will vary to reflect the expertise of the instructor. (Same as ART 3823 and ID 3823)</p> <p>METHOD OF INSTRUCTION: S MEHTOD OF DELIVERY: F C.I.P. 50.0605 24-CHARACTER ABBREVIATION Study Abroad Seminar I.</p> <p>Effective: Summer 2008</p>
<p>ADD</p> <p>ART 3223</p>	<p>Darkroom Basics. (3). (Prerequisites: ART 2103 or permission of instructor). Six hours studio. The course is an introduction to the traditional photographic darkroom.</p> <p>METHOD OF INSTRUCTION: Q MEHTOD OF DELIVERY: F C.I.P. 50.0605 24-CHARACTER ABBREVIATION Darkroom Basics</p> <p>Effective: May 2008</p>

<p>ADD (included with ID 3813)</p> <p>ART 3813</p>	<p>Study Abroad Seminar I. (3). (Prerequisite: ART 1213 or consent of instructor). Three hours seminar. 6 weeks of on-sit instruction in Italy as part of the CAAD Italy study abroad program. Course content will vary to reflect the expertise of the instructor. (Same as ARC 3813 and ID 3813).</p> <p>METHOD OF INSTRUCTION: S MEHTOD OF DELIVERY: F C.I.P. 50.0605 24-CHARACTER ABBREVIATION Study Abroad Seminar I.</p> <p>Effective: Summer 2008</p>
<p>ADD (included with ID 3823)</p> <p>ART 3823</p>	<p>Study Abroad Seminar II. (3) (Prerequisite: ART 1213 or consent of instructor). Three hours seminar. 6 weeks of on-sire instruction in Italy as part of the CAAD Italy study abroad program. Course content will vary to reflect the expertise of the instructor. (Same as ARC 3823 and ID 3823)</p> <p>METHOD OF INSTRUCTION: S MEHTOD OF DELIVERY: F C.I.P. 50.0605 24-CHARACTER ABBREVIATION Study Abroad Seminar I.</p> <p>Effective: Summer 2008</p>
<p>ADD</p> <p>ID 3813</p>	<p>Study Abroad Seminar I. (3). (Prerequisite: ART 1213 or consent of instructor). Three hours seminar. 6 weeks of on-sit instruction in Italy as part of the CAAD Italy study abroad program. Course content will vary to reflect the expertise of the instructor. (Same as ARC 3813 and ART 3813).</p> <p>METHOD OF INSTRUCTION: S MEHTOD OF DELIVERY: F C.I.P. 50.0605 24-CHARACTER ABBREVIATION Study Abroad Seminar I.</p> <p>Effective: Summer 2008</p>

ADD	ID 3823	<p>Study Abroad Seminar II. (3) (Prerequisite: ART 1213 or consent of instructor). Three hours seminar. 6 weeks of on-site instruction in Italy as part of the CAAD Italy study abroad program. Course content will vary to reflect the expertise of the instructor. (Same as ART 3823 and ID 3823)</p> <p>METHOD OF INSTRUCTION: S MEHTOD OF DELIVERY: F C.I.P. 50.0605 24-CHARACTER ABBREVIATION Study Abroad Seminar I.</p> <p>Effective: Summer 2008</p>
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ARTS & SCIENCES

ADD	CO 4393	<p>Broadcast Performance. (3). Two hours lecture. Two hours laboratory. Practice and theory of the mechanics, tools, and techniques required to communicate successfully as a broadcaster.</p> <p>METHOD OF INSTRUCTION: C MEHTOD OF DELIVERY: F C.I.P. 09.0701 24-CHARACTER ABBREVIATION Broadcast Performance</p> <p>Effective: Fall 2008</p>
ADD	EN 3313	<p>Writing for the Workplace. (3). (Prerequisite: EN 1113 or equivalent). Three hours lecture. Advanced writing course focused on communication in the workplace, including correspondence, technical descriptions, instruction writing, proposals, and recommendation reports.</p> <p>METHOD OF INSTRUCTION: C MEHTOD OF DELIVERY: F C.I.P. 23.0401 24-CHARACTER ABBREVIATION Workplace Writing</p> <p>Effective: Fall 2008</p>

<p>ADD</p> <p>HI 4293/6293</p>	<p>History of Gender and Science. (3). Three hours Seminar. Historical survey of scientific research on sex, the role of gender in the culture of science, and the contributions of women to scientific practice.</p> <p>METHOD OF INSTRUCTION: C MEHTOD OF DELIVERY: F C.I.P. 51.0104 24-CHARACTER ABBREVIATION Hist of Gender & Science</p> <p>Effective: Fall 2008</p>
<p>ADD</p> <p>HI 4743/6743</p>	<p>Evolution of International Politics. (3). Three hours seminar. Historical survey of international politics since the eighteenth century within its economic, cultural, and military context.</p> <p>METHOD OF INSTRUCTION: C MEHTOD OF DELIVERY: F C.I.P. 54.0103 24-CHARACTER ABBREVIATION Evol International Politics</p> <p>Effective: Fall 2008</p>
<p>ADD</p> <p>HI 8973</p>	<p>Colloquium in U.S. Environmental and Agricultural History. (3). Three hours lecture. A review of the major themes in the agricultural history and historiography of the United States.</p> <p>METHOD OF INSTRUCTION: C MEHTOD OF DELIVERY: F C.I.P. 54.0102 24-CHARACTER ABBREVIATION Colloq US Env-Agric Hist</p> <p>Effective: Fall 2008</p>

BUSINESS & INDUSTRY

ADD	HCA 3313	<p>Healthcare Systems. (3). (Prerequisite: BIS 3233). Three hours lecture. Analysis of hospital information systems using an integration approach of patient records and billing through third parties. Review of system design and reporting objectives. (Meridian Campus).</p> <p>METHOD OF INSTRUCTION: C MEHTOD OF DELIVERY: F C.I.P. 51.0701 24-CHARACTER ABBREVIATION Healthcare Systems</p> <p>Effective: Fall 2008</p>
ADD	HCA 3813	<p>Healthcare Regulations. (3) (Prerequisite: BL 2413). Three hours lecture. A review of corporate systems approach to meet state and national regulatory agency mandates for the healthcare industry utilizing best practice methodologies. (Meridian Campus).</p> <p>METHOD OF INSTRUCTION: C MEHTOD OF DELIVERY: F C.I.P. 51.0701 24-CHARACTER ABBREVIATION Healthcare Regulations</p> <p>Effective: Fall 2008</p>
ADD	HCA 4013	<p>Ethical Issues in Healthcare. (3). Three hours lecture. Managerial approaches into the ethical basis of patient care exploring the legal, theistic, cost-benefit, and humanist perspectives used to set corporate policy. (Meridian Campus).</p> <p>METHOD OF INSTRUCTION: C MEHTOD OF DELIVERY: F C.I.P. 51.0701 24-CHARACTER ABBREVIATION Ethical Issues in Healthcare</p> <p>Effective: Fall 2008</p>

ADD	HCA 4243	<p>Managed Care. (3). (Prerequisite: MGT 3114). Three hours lecture. An examination of healthcare as a progressive system of primary care to long term care. Emphasis on managing costs-best choice service for the patient. (Meridian Campus)</p> <p>METHOD OF INSTRUCTION: C MEHTOD OF DELIVERY: F C.I.P. 51.0701 24-CHARACTER ABBREVIATION Ethical Issues in Healthcare</p> <p>Effective: Fall 2008</p>
ADD	HCA 4803	<p>Healthcare Policy. (3). (Prerequisite: HCA 3813). Three hours lecture. A detailed study of the health care industry using an analysis of the internal resources and external environmental policies utilized by health care providers. (Meridian Campus).</p> <p>METHOD OF INSTRUCTION: C MEHTOD OF DELIVERY: F C.I.P. 51.0701 24-CHARACTER ABBREVIATION Healthcare Policy</p> <p>Effective: Fall 2008</p>
MODIFY FROM:	REM 3253	<p>Real Property Evaluation. (3). (Prerequisite: REM 3333 or consent of instructor). Three hours lecture. Methods, evaluation procedures, and techniques of appraising commercial and residential real property under carious value-influencing conditions; case problems for appraisal.</p>
TO:	REM 3253	<p>Real Property Evaluation. (3). (Prerequisite: REM 3333). Three hours lecture. Methods, evaluation procedures, and techniques of appraising commercial and residential real property under carious value-influencing conditions; case problems for appraisal.</p> <p>Effective Fall 2008</p>

<p>MODIFY FROM: REM 3353</p> <p>TO: REM 4153</p>	<p>Real Estate Finance. (3). (Prerequisite: REM 3333, FIN 3123, or consent of instructor). Three hours lecture. Direct investment in real estate. Sources of funds; fish analysis; typical policies and procedures of investing and financing investment real estate.</p> <p>Real Estate Finance. (3). (Prerequisite: REM 3333, FIN 3123). Three hours lecture. Direct investment in real estate. Sources of funds; fish analysis; typical policies and procedures of investing and financing investment real estate.</p> <p>Effective: Fall 2008</p>
<p>MODIFY FROM: REM 4253</p> <p>TO: REM 4253</p>	<p>Mortgage Financing. (3). (Prerequisites: REM 3333, FIN 3123, or consent of instructor). Three hours lecture. Indirect investment in real estate. Institutional sources of funds, mortgage market mechanisms, mortgage derivatives and mortgage underwriting.</p> <p>Mortgage Financing. (3). (Prerequisites: REM 3333, FIN 3123). Three hours lecture. Indirect investment in real estate. Institutional sources of funds, mortgage market mechanisms, mortgage derivatives and mortgage underwriting.</p> <p>Effective: Fall 2008</p>
<p>DELETE MGT 8132</p>	<p>Project Management Field Study. (3). (Prerequisite: IE 6533 or equivalent and instructor consent). Two hours lecture. A project field study requiring the application of specific project management skills in an organizational setting.</p> <p>Effective: Summer 2008</p>

ENGINEERING

ADD	ASE 4833/6833	<p>Space Mission Operations. (3). (Prerequisite: ASE 3813 or consent of instructor). Three hours lecture. Overview of spacecraft operations functions. Designing spacecraft for efficient operations. Operations concept development, ground systems specification, training and certification. Mission case studies.</p> <p>METHOD OF INSTRUCTION: C MEHTOD OF DELIVERY: F C.I.P. 14.0201 24-CHARACTER ABBREVIATION Space Mission Operations</p> <p>Effective: Summer 2008</p>
ADD	ASE 8713	<p>Space Environments and Effects. (3) (Prerequisite: ASE 4533 and ASE 4543 or consent of instructor). Three hours lecture. Overview of the space environment and its effect on spacecraft. Modeling of the radiation and solid particulate environments. Designing survivable spacecraft.</p> <p>METHOD OF INSTRUCTION: C MEHTOD OF DELIVERY: F C.I.P. 14.0201 24-CHARACTER ABBREVIATION Space Envir & Effects</p> <p>Effective: Summer 2008</p>
ADD	ASE 8843	<p>Advanced Mission Design. (3). (Prerequisite: ASE 4813/6813 or consent of instructor). Three hours lecture. In-depth application of orbital mechanics to design of various classes of space missions. Use of state-of-the art software and techniques.</p> <p>METHOD OF INSTRUCTION: C MEHTOD OF DELIVERY: F C.I.P. 14.0201 24-CHARACTER ABBREVIATION Advanced Mission Design</p> <p>Effective: Summer 2008</p>

ADD	ASE 8853	<p>Statistical Orbit Determination. (3). (Prerequisite: ASE 4813/6813 or consent of instructor). Three hours lecture. Review of matrix and statistical concepts. Overview of orbit determination problem. Least squares; sequential and batch processors; square-root filters; discrete and continuous Kalman filters.</p> <p>METHOD OF INSTRUCTION: C MEHTOD OF DELIVERY: F C.I.P. 14.0201 24-CHARACTER ABBREVIATION Stat Orbit Determination</p> <p>Effective: Summer 2008</p>
ADD	ASE 8863	<p>Optimal Control of Dynamic Systems. (3). (Prerequisite: ASE 4123 or ECE 4913/6913 or equivalent). Three hours lecture. State variable description of systems; maximum principle of Pantryagin, dynamic programming, optimization of linear systems with quadratic performance measures; time optimal and fuel optimal systems. (Same as ECE 8943).</p> <p>METHOD OF INSTRUCTION: C MEHTOD OF DELIVERY: F & O C.I.P. 14.1001 24-CHARACTER ABBREVIATION Optimal Control Dyna Sys</p> <p>Effective: Summer 2008</p>
ADD	ASE 8883	<p>Spacecraft Dynamics, Design and Operations. (3). (Prerequisite: Graduate standing in the College of Engineering). Three hours lecture. Introduction to astrodynamics and satellite design. Intensive survey or orbital mechanics, attitude dynamics, satellite subsystems and operational considerations. Prepares engineers for advanced courses in astronautics.</p> <p>METHOD OF INSTRUCTION: C MEHTOD OF DELIVERY: F C.I.P. 14.0201 24-CHARACTER ABBREVIATION S/C Dyn, Design & Ops</p> <p>Effective: Summer 2008</p>

<p>MODIFY FROM:</p>	<p>ECE 8943</p>	<p>Theory of Optimal Control (3). (Prerequisite: ECE 4913/6913 or equivalent). Three hours lecture. State variable description of systems; maximum principle of Pantryagin, dynamic programming, optimization of linear systems with quadratic performance measures; time optimal and fuel optimal systems.</p>
<p>TO:</p>	<p>ECE 8943</p>	<p>Optimal Control of Dynamic Systems. (3). (Prerequisite: ASE 4123 or ECE 4913/6913 or equivalent). Three hours lecture. State variable description of systems; maximum principle of Pantryagin, dynamic programming, optimization of linear systems with quadratic performance measures; time optimal and fuel optimal systems. (Same as ASE 8943).</p> <p>METHOD OF INSTRUCTION: C MEHTOD OF DELIVERY: F & O C.I.P. 14.1001 24-CHARACTER ABBREVIATION Optimal Control Dyna Sys</p> <p>Effective: Summer 2008</p>

II. DEGREE PROPOSALS

ARCHITECTURE, ART & DESIGN

<p>MODIFY Degree: Bachelor of Science Major: Building Construction Science</p>	<p>Change in Math and required course. Effective: Summer 2008</p>
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BUSINESS & INDUSTRY

<p>MODIFY Degree: Bachelor of Business Administration Major: BUSI Concentration: Healthcare Administration</p>	<p>Create a Healthcare Administration concentration in the BBA-BUSI program at the Meridian Campus. Effective: Summer 2008</p>
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EDUCATION

MODIFY Degree: Bachelor of Science Major: Elementary Education	Create Middle School and Early Childhood concentration. Change in Science requirements. Effective: Summer 2008
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III. AOCE PROPOSALS

AGRICULTURE & LIFE SCIENCES

FNH 4393/6393	Prevention of Disease
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ARTS & SCIENCES

BIO 2004	Human Anatomy
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EDUCATION

CCL 8113	Community College History/Philosophy
CCL 8123	Community College Finance
CCL 8233	Community College Legal Issues
CCL 8333	Community College Administration
COE 6323	Sensory Aid Technology
MU 113	History and Appreciation of Music
TKT 8233	Analysis of Workforce Education Programs and Survey Research in Workforce Development

ENGINEERING

ASE 8863	Optimal Control of Dynamic Systems
CSE 4623/6623	Computational Biology
CSE 4733/6733	Operating Systems I
CSE 8000	Research/Thesis
CSE 8080	Directed Project CS
CSE 8233	Software Engineering Project Management
CSE 9000	Research/Dissertation
ECE 8943	Optimal Control of Dynamic Systems

IV. MAYMESTER

ARCHITECTURE, ART & DESIGN

ARC 4990	Origins of Architectural Composition: Frank Gehry & the L.A. Houses 1965-1989
ARC 4990	Re-Building: Through Art & Architecture in Buffalo NY
ARC 4990	Firmitas et Venustas (Structure and Beauty)
ART 4990	Process and Material
ID 3606	Digital Design for Interiors

ENGINEERING

GE 4990	Firmitas et Venustas (Structure and Beauty)
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V. TECHNICAL CHANGE

FOREST RESOURCES

FROM:	BIO 4253/6253	Mammalogy
TO:	WF 4433/6433	Mammalogy
FROM:	BIO 4543/6543	Ornithology
TO:	WF 4443/6443	Ornithology
FROM:	BIO 4513/6513	Ichthyology
TO:	WF 4453/6453	Ichthyology

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

Proposals**

Dr. Jerome A. Gilbert
Associate Vice President for Academic Affairs

Date