

MEMORANDUM

March 16, 2009

TO: Academic Deans Council

FROM: Dr. Timothy N. Chamblee
UCCC Chair

RE: Change Notice 6

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 March 31, 2009 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

ADD GLC 3812	<p>Appalachian Leadership Honors Program (2). (Prerequisite: Admission in the Appalachian Leadership Honors Program and completion of GLC 3412). Two hours lecture. One hour field experience. Advanced principles of leadership through instruction, mentor component, community service-learning projects, and peer class facilitation through Day One Leadership Community.</p> <p>METHOD OF INSTRUCTION: C DELIVERY: F C.I.P. 52.1003 24-CHAR: Appalch Ldshp Hon Prog 2</p> <p>Effective: Fall 09</p>
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AGRICULTURE & LIFE SCIENCES

DELETE IPM 2990-4990	<p>Special Topics in IPM. (1-9). Credit and title to be arranged. This course is to be used on a limited basis to offer developing subject matter areas not covered in existing courses. (Courses limited to tow offerings under one title within two academic years).</p> <p>Effective: Spring 09</p>
DELETE IPM 4021	<p>IPM Senior Seminar. (1). (Prerequisite: CP 2203). One hour lecture. Fall semester. Review and discussion of co-op experiences. Includes discussion of contemporary topics in pest management and development of professional skills.</p> <p>Effective: Spring 09</p>

ARTS & SCIENCES

ADD BIO 4473/6473	<p>Medical Virology. (3). (Prerequisite: BIO 3304). Three hours lecture. A study of pathogenesis of human diseases caused by viruses, diagnostic virology, antiviral therapy, current literature in medical virology.</p> <p>METHOD OF INSTRUCTION: C DELIVERY: F C.I.P. 26.0504 24-CHAR: Medical Virology</p> <p>Effective: Summer 09</p>
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<p>ADD AAS 3013</p>	<p>African American History to 1865. (3). Three hours lecture. An historical examination of the life and culture of African Americans in the United States from European colonization to the end of the Civil War. (Same as HI 3013).</p> <p>METHOD OF INSTRUCTION: C DELIVERY: F C.I.P. 05-0201 24-CHAR: Afr Am History to 1865</p> <p>Effective: Fall 09</p>
<p>ADD AAS 3023</p>	<p>African American History since 1865. (3). Three hours lecture. An historical examination of the life and culture of African Americans in the United States from the beginning of Reconstruction to the present. (Same as HI 3023).</p> <p>METHOD OF INSTRUCTION: C DELIVERY: F C.I.P. 05-0201 24-CHAR: Afr Am Hist since 1865</p> <p>Effective: Fall 09</p>
<p>ADD HI 3013</p>	<p>African American History to 1865. (3). Three hours lecture. An historical examination of the life and culture of African Americans in the United States from European colonization to the end of the Civil War. (Same as AAS 3013).</p> <p>METHOD OF INSTRUCTION: C DELIVERY: F C.I.P. 05-0201 24-CHAR: Afr Am History to 1865</p> <p>Effective: Fall 09</p>
<p>ADD HI 3023</p>	<p>African American History since 1865. (3). Three hours lecture. An historical examination of the life and culture of African Americans in the United States from the beginning of Reconstruction to the present. (Same as AAS 3023).</p> <p>METHOD OF INSTRUCTION: C DELIVERY: F C.I.P. 05-0201 24-CHAR: Afr Am Hist since 1865</p> <p>Effective: Fall 09</p>

BUSINESS – MERIDIAN CAMPUS

ADD	HCA 4443	<p>Healthcare Internship. (3). (Prerequisite: HCA 3313, and HCA 3813). Internship. A supervised work experience with a health care provider. Student will provide a written report to the assigned faculty member at completion of internship.</p> <p>METHOD OF INSTRUCTION: E DELIVERY: F C.I.P. 51.0701 24-CHAR: Healthcare Internship</p> <p>Effective: Spring 09</p>
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EDUCATION

ADD	EDS 8663	<p>Principles of Effective Instruction in Secondary Schools. (3). Three hours lecture. An examination of the theories, trends, best practices, issues, challenges, and complexities pertinent to teaching and learning in secondary schools.</p> <p>METHOD OF INSTRUCTION: C DELIVERY: F C.I.P. 13.1205 24-CHAR: Effective Instruction</p> <p>Effective: Summer 09</p>
ADD	EDS 8653	<p>Issues of Accountability in Schools. (3). (Prerequisite: EPY 3253 or EPY 6313 or permission of instructor). Three hours lecture. Study of the critical educational issues in school-based accountability. Particular attention will be given to the impact accountability has on student learning in the classroom.</p> <p>METHOD OF INSTRUCTION: C DELIVERY: F C.I.P. 13.1205 24-CHAR: Issues of Accountability</p> <p>Effective: Summer 09</p>
ADD	EDS 8663	<p>Improving Instruction in Secondary Schools. (3). Three hours lecture. An investigation into the application of classroom-based inquiry, exploration, and action research as means of improving teaching and learning in secondary schools.</p> <p>METHOD OF INSTRUCTION: C DELIVERY: F C.I.P. 13.1205 24-CHAR: Improving Instruction</p> <p>Effective: Summer 09</p>

ADD	EDS 8683	<p>Dispositions and Reflective Practice In Teaching. (3). (Prerequisite: EDS 8623 or permission of instructor). Three hours lecture. Study of teaching behavior and reflective practices as catalysts for instructional improvement.</p> <p>METHOD OF INSTRUCTION: C DELIVERY: F C.I.P. 13.1205 24-CHAR: Disposition & Reflection</p> <p>Effective: Summer 09</p>
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ENGINEERING

MODIFY		<p>Advanced Performance. (3). (Prerequisite: ASE 2013). Three hours lecture. Performance methods use for current aeronautical vehicles. Configurations considered are sailplanes, V/STOL aircraft, subsonic/supersonic transports, and fighters.</p> <p>Advanced Performance. (3). (Prerequisite: ASE 2013). Three hours lecture. Performance methods use for current aeronautical vehicles. Configurations considered are sailplanes, V/STOL aircraft, subsonic/supersonic transports, and fighters.</p> <p>Effective: Spring 2010</p>
<p>From: ASE 4153/6153</p> <p>To: ASE 4153/6153</p>		<p>Applied Ergonomics Methods. (3). Three hours lecture. Provide practical usage and theoretical background of select tools for ergonomic evaluation of workers and work places, tasks, and environments using real world scenarios.</p> <p>METHOD OF INSTRUCT: C DELIVERY: F & O C.I.P. 14.3501 24-CHAR: Applied Ergo Methods</p> <p>Effective: Fall 09</p>

<p>ADD</p> <p>IE 8163</p>	<p>Macroergonomics. (3). Three hours lecture. Provides a foundational review of Macroergonomics, examining the personnel, technological, and environmental factors influencing organizations. Addresses the relationship between macro- and micro- ergonomics.</p> <p>METHOD OF INSTRUCT: C DELIVERY: F & O C.I.P. 14.3501 24-CHAR: Macroergonomics</p> <p>Effective: Fall 09</p>
<p>MODIFY</p> <p>From: ME 3113</p> <p>To: ME 3113</p>	<p>Engineering Analysis. (3). (Prerequisite: Computer Literacy. Grade of C or better in MA 3113, MA 3253 and PH 2213). Three hours lecture. Analysis of engineering problems requiring the use of engineering fundamentals and mathematical techniques of analysis with computer applications.</p> <p>Engineering Analysis. (3). (Prerequisite: CSE 1233. Grade of C or better in MA 3113, MA 3253 and PH 2213). Three hours lecture. Analysis of engineering problems requiring the use of engineering fundamentals and mathematical techniques of analysis with computer applications.</p> <p>Effective: Fall 09</p>
<p>MODIFY</p> <p>From: ME 3133</p> <p>To: ME 2133</p>	<p>Modeling and Manufacturing. (3). (Prerequisite: Junior standing). Two hours lecture. Three hours laboratory. Intermediate drafting and design techniques using solid modeling software, with special emphasis placed on tolerancing, dimensioning, and manufacturing process selection.</p> <p>Modeling and Manufacturing. (3). (Prerequisite: Sophomore standing). Two hours lecture. Three hours laboratory. Elementary drafting and design techniques using solid modeling software: introduction to manufacturing options.</p> <p>Effective: Fall 09</p>

FOREST RESOURCES

ADD	FO 8983	<p>Advanced Biotechnology. (3). (Prerequisite: BCH 6603, BCH 6613, BCH 6713 or consent of instructor). Three hours lecture. Advanced biotechnology course with an emphasis on environmental, biopharmaceutical, industrial, and medical technologies. (Same as CVM 8983).</p> <p>METHOD OF INSTRUCT: C DELIVERY: F C.I.P. 26.1201 24-CHAR: Advanced Biotechnology</p> <p>Effective: Fall 09</p>
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VETERINARY MEDICINE

ADD	CVM 5602	<p>Comparative Endocrinology I. (2). (Prerequisite: Enrollment in Phase II of the professional veterinary degree program). Two week practicum. An in-depth analysis including the pathophysiology, diagnosis, and treatment of endocrine disease in veterinary species, with emphasis on small animal patients.</p> <p>METHOD OF INSTRUCTION: C DELIVERY: F C.I.P. 51.2401 24-CHAR: Comp Endocrinology I</p> <p>Effective: Fall 09</p>
ADD	CVM 6602	<p>Comparative Endocrinology II. (2). (Prerequisite: Enrollment in a veterinary graduate degree program; instructor approval). Two week practicum. An in-depth analysis including the pathophysiology, diagnosis, and treatment of endocrine disease in veterinary species, with emphasis on small animal patients.</p> <p>METHOD OF INSTRUCTION: C DELIVERY: F C.I.P. 51.2401 24-CHAR: Comp Endocrinology II</p> <p>Effective: Fall 09</p>
ADD	CVM 8983	<p>Advanced Biotechnology. (3). (Prerequisite: BCH 6603, BCH 6613, BCH 6713 or consent of instructor). Three hours lecture. Advanced biotechnology course with an emphasis on environmental, biopharmaceutical, industrial, and medical technologies. (Same as FO 8983).</p> <p>METHOD OF INSTRUCT: C DELIVERY: F C.I.P. 26.1201 24-CHAR: Advanced Biotechnology</p> <p>Effective: Fall 09</p>

2. DEGREE PROPOSALS

AGRICULTURE & LIFE SCIENCES

<p>Modify Degree: Master of Science Major: Agriculture</p> <p>New Concentration: Engineering Technology</p>	<p>Add a new concentration in Engineering Technology to the MS in Agriculture.</p> <p>Effective: Spring 09</p>
<p>Modify Degree: Doctor of Philosophy Major: Agricultural Sciences</p> <p>New Concentration: Engineering Technology</p>	<p>Add a new concentration in Engineering Technology to the MS in Agriculture.</p> <p>Effective: Spring 09</p>
<p>Modify Degree: Bachelor of Science Major: Food Science, Nutrition, & Health Promotion Concentration: Food Safety</p> <p>Degree: Bachelor of Science Major: Food Science, Nutrition, & Health Promotion Concentration: Food Safety; pre-veterinary</p>	<p>Changes to the required courses and admission requirement to the DVM program</p> <p>Effective: Fall 09</p>

ARTS & SCIENCES

<p>ADD Degree: Master of Arts Major: Interdisciplinary Sciences</p>	<p>Addition of a distance education Master of Arts in Interdisciplinary Sciences degree program. Approved by IHL 11/2007</p> <p>CIP: 30.0101 Abbr: MAIS Effective: Summer 09</p>
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EDUCATION

<p>MODIFY Degree: Master of Science Major: Secondary Education</p>	<p>Change to the required courses.</p> <p>Effective: Summer 09</p>
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ENGINEERING

<p>MODIFY Degree: Bachelor of Science Major: Mechanical Engineering</p>	<p>Change to the required courses. Effective: Summer 09</p>
<p>MODIFY From: Degree: Bachelor of Science Major: Software Engineering To: Degree: Bachelor & Master of Science Major: Computer Science</p>	<p>Combination of BS & MS level studies to complete both a BS and MS degree in 4 academic years plus 1 full calendar year. Allows 9 hours of graduate courses to count for both degrees. Effective: Summer 09</p>
<p>MODIFY From: Degree: Bachelor of Science Major: Computer Science To: Degree: Bachelor & Master of Science Major: Computer Science</p>	<p>Combination of BS & MS level studies to complete both a BS and MS degree in 4 academic years plus 1 full calendar year. Allows 9 hours of graduate courses to count for both degrees. Effective: Summer 09</p>
<p>MODIFY From: Degree: Master of Science Major: Computer Science To: Degree: Bachelor & Master of Science Major: Computer Science</p>	<p>Combination of BS & MS level studies to complete both a BS and MS degree in 4 academic years plus 1 full calendar year. Allows 9 hours of graduate courses to count for both degrees. Effective: Summer 09</p>

4. DEGREE TECHNICAL CHANGES

EDUCATION

Vision Specialist in Vocational Rehabilitation	This program has been offered for several year, this is to provide documentation of the program requirements.
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ENGINEERING

Page 136-137 (08/09 bulletin)	
Degree: Bachelor of Science Major: Electrical Engineering	From: ECE 3414 Fundamentals of Energy Systems To: ECE 3614 Fundamentals of Energy Systems Effective: Summer 09

5. MAYMESTER

ARCHITECTURE, ART, & DESIGN

ARC 4990/6990	Mexico: Architecture, Art and Culture
ART 4990	The Myth of Michelangelo

6. AOCE COURSES

ENGINEERING

IE 8143 Applied Ergonomics Methods
IE 8163 Macroergonomics

7. AOCE DEGREES

Master of Arts in Interdisciplinary Science
Master of Science in Civil Engineering
Doctor of Philosophy in Engineering; Civil Engineering