

MEMORANDUM

November 23, 2009

TO: Academic Deans Council

FROM: Dr. Timothy N. Chamblee
UCCC Chair

RE: Change Notice 2

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 December 11, 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 4812	<p>Appalachian Leadership Honors Program 3 (2). (Prerequisite: Admission into Appalachian Leadership Honors Program, GLC 3412 and GLC 3812). Two hours seminar. One hour field experience. Practice of advanced principles of leadership through class instruction, mentor component, and development and implementation of student-led service initiatives (capstone leadership project).</p> <p>METHOD OF INSTRUCTION: C DELIVERY: F C.I.P. 52.1003 24-CHAR: Appalch Ldshp Hon Prog 3</p> <p>Effective: Spring 10</p>
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AGRICULTURE & LIFE SCIENCES

Add AIS 9583	<p>Analysis and Interpretation of Data in Ag and Extension Education Research. (3). (Prerequisite: permission of instructor). Three hours lecture. Principles and techniques for collecting, analyzing, and reporting research in agricultural and extension education. Emphasis on student research project development, student authorship.</p> <p>METHOD OF INSTRUC: C DELIVERY: F C.I.P. 01.0801 24-CHAR: Analysis of Data in AEE</p> <p>Effective: Spring 10</p>
Add/AOCE LA 4753/6753	<p>Sustainable Landscape Management. (3). Online course. An examination of methods for sustainable land management. Ecological systems, services, and processes providing the foundation for decision-making in land management.</p> <p>METHOD OF INSTRUC: C DELIVERY: O C.I.P. 04.0601 24-CHAR: Sustain Landscape Mgt</p> <p>Effective: Spring 10</p>

Add/AOCE	PSS 2443	<p>Horticulture Crop Physiology. (3). (Prerequisite: CH 1043 and BIO 2113). Three hours lecture. Online course. Physiology of agricultural plants, including water relations, respiration, photosynthesis and growth and development.</p> <p>METHOD OF INSTRUC: C DELIVERY: O C.I.P. 01.1103 24-CHAR: Horticulture Crop Physi</p> <p>Effective: Spring 10</p>
Add/AOCE	PSS 3633	<p>Sustainable and Organic Horticulture. (3). Three hours lecture. Online course. A study of the base knowledge of the principles and practices of sustainable, organic, and alternative horticulture management systems.</p> <p>METHOD OF INSTRUC: C DELIVERY: O C.I.P. 01.1103 24-CHAR: Sustain & Organic Hort</p> <p>Effective: Spring 10</p>
Add/AOCE	PSS 4043/6043	<p>International Horticulture. (3). (prerequisite: PSS 1313). Three hours lecture. Online course. Worldwide overview of horticultural export, marketing, and international trade issues and individual country analyses of specific fruit, vegetable and ornamental crops.</p> <p>METHOD OF INSTRUC: C DELIVERY: O C.I.P. 01.1199 24-CHAR: Internation Horticulture</p> <p>Effective: Spring 10</p>
Add/AOCE	PSS 4341/6341	<p>Controlled Environment Agriculture Laboratory. (1). (Co-requisite: PSS 4343 for horticulture majors). Two hours laboratory. Online course. An experiential study of the principles and practices of controlled environments operation and management.</p> <p>METHOD OF INSTRUC: C DELIVERY: O C.I.P. 01.1105 24-CHAR: Control Enviro Ag Lab</p> <p>Effective: Spring 10</p>

<p>Modify/AOCE FR: PSS 4343/6343</p> <p>TO: PSS 4343/6343</p>	<p>Greenhouse Management. (3). (Prerequisites: BIO 1203 and PSS 3303 and PSS 3301). Two hours lecture. Two hours laboratory. A detailed review and explanation of principles and practices of controlled environments operation and management.</p> <p>Controlled Environment Agriculture. (3). (Prerequisites: BIO 2113 and PSS 3303; Co-requisite for horticulture majors: PSS 4341). Three hours lecture. Online Course. A detailed review and explanation of principles and practices of controlled environments operation and management.</p> <p>METHOD OF INSTRUC: C DELIVERY: O C.I.P. 01.1105 24-CHAR: Control Enviro Ag</p> <p>Effective: Spring 10</p>
<p>Modify/AOCE FR: PSS 4363/6363</p> <p>TO: PSS 4363/6363</p>	<p>Nursery Management. (3). (Prerequisites: PSS 3923, PSS 2423, and PSS 3473). Two hours lecture. Two hours laboratory. The production and handling of ornamental nursery stock. Spring semester, even numbered years.</p> <p>Sustainable Nursery Production. (3). (Prerequisites: PSS 2423 and PSS 3303). Three hours lecture. Online course. Nursery crop production including site selection and planning, plant nutrition, water relations and irrigation, shipping, and managing people and resources.</p> <p>METHOD OF INSTRUC: C DELIVERY: O C.I.P. 01.1103 24-CHAR: Sustain Nursery Prod</p> <p>Effective: Spring 10</p>

Add/AOCE PSS 4553/6553	<p>Plant Growth and Development. (3). Three hours lecture. Online course. Structure of plant developmental processes and how environmental factors interact to affect and control plant growth and development.</p> <p>METHOD OF INSTRUC: C DELIVERY: F C.I.P. 01.1101 24-CHAR: Plant Growth & Develop</p> <p>Effective: Spring 10</p>
Add/AOCE PSS 6833	<p>Temperature Stress Physiology. (3). (Prerequisite: BIO 4214/6214 or BCH 4013/6013). Three hours lecture. Online course. The course focuses on cellular structures and stress metabolites, thermodynamics, and signal transduction before addressing plant responses to heat, chilling, and freezing stresses.</p> <p>METHOD OF INSTRUC: C DELIVERY: O C.I.P. 01.1105 24-CHAR: Temperature Stress Physi</p> <p>Effective: Spring 10</p>

ARCHITRURE, ART, AND DESIGN

Add ARC 4333/6333	<p>Contemporary Philosophy and Architecture. (3). (Prerequisites: Junior standing or permission of instructor). Three hours lecture. An examination of modernism and postmodernism in philosophy and architecture. (Same as PHI 4013/6013).</p> <p>METHOD OF INSTRUC: C DELIVERY: F C.I.P. 04.0801 24-CHAR: Contemp Philos & Arch</p> <p>Effective: Spring 10</p>
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ARTS AND SCIENCES

<p>Add EN 4111</p>	<p>Portfolios and Reflective Writing. (1). (Prerequisite: Senior standing). One hour lecture. The study and practice of writing application letters/resumes and preparing academic portfolios.</p> <p>METHOD OF INSTRUC: C DELIVERY: F C.I.P. 23.0401 24-CHAR: Portfol & Reflec Writing</p> <p>Effective: Spring 10</p>
<p>Add HI 3133</p>	<p>History of U.S. Popular Culture. (3). Three hours lecture. An historical analysis of the development of popular culture, related industries and their impact on American society.</p> <p>METHOD OF INSTRUC: C DELIVERY: F C.I.P. 54.0101 24-CHAR: History U.S. Pop Culture</p> <p>Effective: Spring 10</p>
<p>Add PHI 4013</p>	<p>Contemporary Philosophy and Architecture. (3). (Prerequisites: Junior standing or permission of instructor). Three hours lecture. An examination of modernism and postmodernism in philosophy and architecture. (Same as ARC 4333/6333).</p> <p>METHOD OF INSTRUC: C DELIVERY: O C.I.P. 04.0801 24-CHAR: Contemp Philos & Arch</p> <p>Effective: Spring 10</p>

ENGINEERING

Modify FR:	EG 1443	Technology Graphics. (3). (Prerequisites: EG 1143). Two hours lecture. Four hours laboratory. Visualization/analysis using descriptive geometry principles applying specifically to technology. Computer aided drafting/design in industrial technology. Reading/drafting working drawings in technology fields.
TO:	EG 1443	Technology Graphics. (3). Two hours lecture. Two hours laboratory. The use of drawing to communicate ideas of manufacturing and maintenance in machining, electricity/electronics, welding, and hydraulics/pneumatics.
Effective: Spring 10		

2. DEGREE PROPOSALS

AGRICULTURE & LIFE SCIENCES

Modify Degree: Bachelor of Science Major: Agricultural Information Science Concentration: Teaching & Agricultural Leadership	Change the required hours, modify the concentration for Agriscience and Agricultural Leadership to allow for 4-year Ag teaching certification and Human Resource Management. Change the required and elective hours.
Effective: Spring 10	

ARTS & SCIENCES

Modify Degree: Bachelor of Arts Major: English	Change the required 17 English credits to 15, and add EN 1111 & EN 4111 to program.
Effective: Spring 10	

3. AOCE COURSE PROPOSALS

ARCHITECTURE, ART, & DESIGN

ARC 1013	Architecture Appreciation
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ENGINEERING

ASE 4553/6553	Engineering Design Optimization
ASE 8413	Computational Fluid Dynamics I
ASE 8423	Computational Fluid Dynamics II
CSE 4283/6283	Software Testing and Quality Assurance
EM 4143/6143	Engineering Design Optimization
IE 4743/6743	Engineering Design Optimization

FOREST RESOURCES

FO 4323/6323	Forest Resource Management
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All of the proposals were approved with the exception of the following:

Proposals**

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

Date