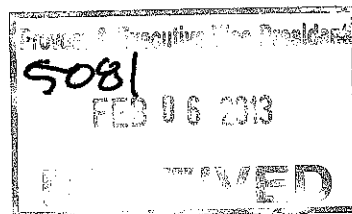


## MEMORANDUM

February 5, 2013

**TO:** Academic Deans Council  
**FROM:** Dr. Angi E. Bourgeois  
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 February 19, 2013 by contacting the Chair of the Committee (5-1922), 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.

**I. COURSE PROPOSALS BY COLLEGE**

**a. Shackouls Honors College**

Action Requested	Course Name	UCCC	Course Build Information
Add + Gen Ed Approval	HON 3163	Approved	<p><b>HON 3163 Honors Seminar in Natural Sciences (3).</b> Three hours lecture. An interdisciplinary course concerning a topic of importance in the natural sciences and its impact on society as a whole. Topics and instructors will vary.</p> <p><b>Method of Instruction: C</b>  <b>Method of Delivery: F</b>  <b>CIP: 30.1801</b>  <b>24 Char Abbreviation: Hon Sem Natural Sciences</b>  <b>General Education Category:</b>                      ADD to Natural Sciences list of approved General Education electives—No Restrictions.</p> <p><b>Effective Date: Fall 2013</b></p>

**b. Architecture, Art, and Design**

Modify	ART 2303	Approved	<p><b>FROM:</b>  <b>ART 2303 Printmaking Survey (3).</b> (Prerequisites: ART 1123, ART 1133, and ART 1223). Six hours studio. Introduction to the basic techniques and concepts of lithography, relief print-woodcut, and linocut.</p> <p><b>TO:</b>  <b>ART 2303 Printmaking Survey (3).</b> (Prerequisites: ART 1123, ART 1133, and ART 1223). Six hours studio. Introduction to the basic techniques and concepts of intaglio and relief printmaking.</p> <p><b>Effective Date: Fall 2013</b></p>
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**c. Arts and Sciences**

Modification	AAS 4343	Approved	<p><b>FROM:</b>  <b>AAS 4343 African American Literature. (3).</b> (Prerequisite: Completion of English requirements in the student's major). Three hours lecture. A study of African American literature, especially that of the Twentieth Century. (Same as EN 4343).</p> <p><b>TO:</b>  <b>AAS 4343 Studies in African American Literature. (3).</b> (Prerequisite: Completion of English requirements in the student's major). Three hours lecture. A study of selected authors and/or topics in African American literature. (Same as EN 4343).</p> <p><b>Effective Date:</b> Summer 2013</p>
Modification	EN 4343	Approved	<p><b>FROM:</b>  <b>EN 4343 African American Literature. (3).</b> (Prerequisite: Completion of English requirements in the student's major). Three hours lecture. A study of African American literature, especially that of the Twentieth Century. (Same as AAS 4343).</p> <p><b>TO:</b>  <b>EN 4343 Studies in African American Literature. (3).</b> (Prerequisite: Completion of English requirements in the student's major). Three hours lecture. A study of selected authors and/or topics in African American literature. (Same as AAS 4343).</p> <p><b>Effective Date:</b> Summer 2013</p>
Add + General Education Approval	EN 2403	Approved	<p><b>EN 2403 Introduction to the Study of Language.(3).</b> Three hours lecture. Students will be introduced to the subfields of linguistics to answer questions they have about language and to provide evidence about language acquisition and use. (Same as AN 2403).</p> <p><b>Method of Instruction:</b> C  <b>Method of Delivery:</b> F  <b>CIP:</b> 16.0102  <b>24 Char. Abbreviation:</b> Intro to Study of Lang  <b>General Education Category:</b>  Add to General Education/Social and Behavioral Sciences list of approved electives</p> <p><b>Effective Date:</b> Fall 2013</p>

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Add + General Education Approval	AN 2403	Approved	<p><b>AN 2403 Introduction to the Study of Language.</b>(3). Three hours lecture. Students will be introduced to the subfields of linguistics to answer questions they have about language and to provide evidence about language acquisition and use. (Same as EN 2403).</p> <p><b>Method of Instruction:</b> C  <b>Method of Delivery:</b> F  <b>CIP:</b> 16.0102  <b>24 Char. Abbreviation:</b> Intro to Study of Lang  <b>General Education Category:</b>  Add to General Education/Social and Behavioral Sciences list of approved electives  <b>Effective Date:</b> Fall 2013</p>
Add	AAS 4643	Approved	<p><b>AAS 4643 Race and the Media</b> (3). (Prerequisites: SO/AAS 2203, or CO 1403, or AAS 1063 or equivalent). Three hours lecture. Examines the relationship between society, race, and the media. An examination of the social influence of how racial representations are produced, distributed, and consumed. (Same as SO 4643 and CO 4643).</p> <p><b>Method of Instruction:</b> C  <b>Method of Delivery:</b> F  <b>CIP:</b> 05.0299  <b>24 Char. Abbreviation:</b> Race and the Media  <b>Effective Date:</b> Summer 2013</p>
Add	CO 4643	Approved	<p><b>CO 4643 Race and the Media</b> (3). (Prerequisites: SO/AAS 2203, or CO 1403, or AAS 1063 or equivalent). Three hours lecture. Examines the relationship between society, race, and the media. An examination of the social influence of how racial representations are produced, distributed, and consumed. (Same as SO 4643 and AAS 4643).</p> <p><b>Method of Instruction:</b> C  <b>Method of Delivery:</b> F  <b>CIP:</b> 05.0299  <b>24 Char. Abbreviation:</b> Race and the Media  <b>Effective Date:</b> Summer 2013</p>
Add	SO 4643	Approved	<p><b>SO 4643 Race and the Media</b> (3). (Prerequisites: SO/AAS 2203, or CO 1403, or AAS 1063 or equivalent). Three hours lecture. Examines the relationship between society, race, and the media. An examination of the social influence of how racial representations are produced, distributed, and consumed. (Same as CO 4643 and AAS 4643).</p> <p><b>Method of Instruction:</b> C  <b>Method of Delivery:</b> F  <b>CIP:</b> 05.0299  <b>24 Char. Abbreviation:</b> Race and the Media  <b>Effective Date:</b> Summer 2013</p>

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Distance	CO 1223	Approved	<p><b>Approved for Campus 5 Distance Delivery</b>  <b>CO 1223 Introduction to Communication Theory</b></p> <p><b>Effective Date: Spring 2013</b></p>
Modify	PH 1013	Approved	<p><b>FROM:</b>  <b>PH 1013 Physical Science Survey 1 (3).</b> Three hours lecture. Topics include mechanics, sound, light, electricity, and magnetism. Recommended laboratory PH 1011.</p> <p><b>TO:</b>  <b>PH 1013 Physical Science Survey 1 (3).</b> (Prerequisite: C or better in MA 0103, or ACT math subscore of at least 19). Three hours lecture. Topics include mechanics, sound, light, electricity, and magnetism. Recommended laboratory PH 1011.</p> <p><b>Effective Date: Fall 2013</b></p>
Modify and Distance Approval	PH 1023	Approved	<p><b>Distance/Campus 5 Approval</b></p> <p><b>FROM:</b>  <b>PH 1023 Physical Science Survey 2 (3).</b> Three hours lecture. Topics include chemistry, heat, astronomy, and energy. Recommended laboratory PH 1021.</p> <p><b>TO:</b>  <b>PH 1023 Physical Science Survey 2 (3).</b> Three hours lecture. Topics include chemistry, heat, astronomy, and energy. PH 1013 is not a prerequisite. Recommended laboratory PH 1021.</p> <p><b>Effective Date: Fall 2013</b></p>

**d. Business**

Add	BIS 9013	Approved	<p><b>BIS 9013 General Topics in MIS Research (3).</b> (Prerequisites: Graduate standing). Three hours lecture. Review of the most widely recognized literature in the MIS field, including studies on systems acceptance, usage, user satisfaction, and group support.</p> <p><b>Method of Instruction: C</b>  <b>Method of Delivery: F</b>  <b>CIP: 52.1201</b>  <b>24 Char Abbreviation: Gen Topics in MIS Research</b></p> <p><b>Effective Date: Fall 2013</b></p>
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Modify	FIN 3113	Approved	<p><b>FROM:</b>  <b>FIN 3113 Financial Systems (3).</b> (Prerequisites: EC 2113, EC 2123, or AEC 2713 and junior standing). Three hour lecture. Study of interest rates, basic security valuation, money and capital markets.</p> <p><b>TO:</b>  <b>FIN 3113 Financial Systems (3).</b> (Prerequisites: EC 2113, EC 2123, or AEC 2713). Three hour lecture. Study of interest rates, basic security valuation, money and capital markets.</p> <p><b>Effective Date: Summer 2013</b></p>
Modify	FIN 3123	Approved	<p><b>FROM:</b>  <b>FIN 3123 Financial Management (3).</b> (Prerequisites: EC 2123, ACC 2023, or BQA 2113 and junior standing). Three hour lecture. Study of objectives, tools, methods, and problems of financial management; financial analysis, planning, control, sources/uses of funds, capital budgeting decisions and working capital.</p> <p><b>TO:</b>  <b>FIN 3123 Financial Management (3).</b> (Prerequisites: EC 2123, ACC 2013, or BQA 2113). Three hour lecture. Study of objectives, tools, methods, and problems of financial management; financial analysis, planning, control, sources/uses of funds, capital budgeting decisions and working capital.</p> <p><b>Effective Date: Summer 2013</b></p>
Modify	FIN 3723	Approved	<p><b>FROM:</b>  <b>FIN 3723 Financial Markets and Institutions (3).</b> (Prerequisites: FIN 3113, or equivalent). Three hour lecture. Study of the functions of financial markets. Major topics include interest rates, their role in securities markets and financial institutions, and interest rate risk.</p> <p><b>TO:</b>  <b>FIN 3723 Financial Markets and Institutions (3).</b> (Prerequisites: FIN 3113 or equivalent and FIN 3123). Three hour lecture. Study of the functions of financial markets. Major topics include interest rates, their role in securities markets and financial institutions, and interest rate risk.</p> <p><b>Effective Date: Summer 2013</b></p>

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Modify	FIN 4223	Approved	<p><b>FROM:</b>  <b>FIN 4223 Intermediate Financial Management (3).</b>          (Prerequisites: FIN 3123). Three hour lecture. Building on foundational concepts, this course provides a more in-depth coverage of financial analysis, valuation principles, the financial environment, capital budgeting and capital structure.</p> <p><b>TO:</b>  <b>FIN 4223 Intermediate Financial Management (3).</b>          (Prerequisites: Grade of C or higher in FIN 3123). Three hour lecture. Building on foundational concepts, this course provides a more in-depth coverage of financial analysis, valuation principles, the financial environment, capital budgeting and capital structure.</p> <p><b>Effective Date: Summer 2013</b></p>
Modify	FIN 4243	Approved	<p><b>FROM:</b>  <b>FIN 4243 Senior Seminar in Finance. (3).</b> (Prerequisite: FIN 3723 and FIN 4223). Three hours seminar. Comprehensive case study to bring out the problems involved in organizing, financing, and managing various types of business enterprises.</p> <p><b>TO:</b>  <b>FIN 4243 Senior Seminar in Finance. (3).</b> (Prerequisite: FIN 3723 and Grade of C or higher in FIN 4223). Three hours seminar. Comprehensive case study to bring out the problems involved in organizing, financing, and managing various types of business enterprises.</p> <p><b>Effective Date: Summer 2013</b></p>

**e. Education**

Distance	EPY 6214	Approved	<p><b>Approved for Campus 5 Distance Delivery EPY 6214 Educational and Psychological Statistics</b>  <b>Method of Delivery: O</b></p> <p><b>Effective Date: Summer 2013</b></p>
Distance	COE 4713/6713	Tabled	
Distance	COE 6373	Tabled	
Distance	COE 8013	Tabled	
Distance	COE 8023	Tabled	
Distance	COE 8043	Tabled	
Distance	COE 8053	Tabled	
Distance	COE 8063	Tabled	
Distance	COE 8073	Tabled	
Distance	COE 8353	Tabled	

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Distance	COE 8363	<b>Tabled</b>	
Distance	COE 8373	<b>Tabled</b>	
Distance	COE 8383	<b>Tabled</b>	
Distance	COE 8730	<b>Tabled</b>	
Distance	EPY 8263	<b>Tabled</b>	
Distance	COE 8813	<b>Tabled</b>	
Add	SS 4803	<b>Approved</b>	<p><b>SS 4803 Seminar in Sports Studies. (3).</b> (Prerequisite: Senior standing). Three hours lecture. In-depth investigation of current topics in sport studies with a focus on applying research to address issues in the sport industry.</p> <p><b>Method of Instruction: C</b>  <b>Method of Delivery: F</b>  <b>CIP #: 31.0504</b>  <b>24 Char. Abbreviation: Seminar in Sports Studies</b></p> <p><b>Effective Date: Summer 2013</b></p>

**f. Engineering**

Modify	CE 2213	<b>Approved</b>	<p><b>FROM:</b>  <b>CE 2213 Surveying. (3).</b> (Prerequisite: Credit or enrollment in CE 1001 or Grade of C or better in ABE 2873 [ABE students only]). Two hours lecture. Four hours field and problem work. Fundamentals of field measurements. Theory, selection, and use of surveying instruments; theories used in adjustment of surveys.</p> <p><b>TO:</b>  <b>CE 2213 Surveying. (3).</b> (Prerequisite: Credit in MA 1323 with a C or better, or Credit, or concurrent registration in MA 1613, or Credit or concurrent registration in MA 1713). Two hours lecture. Four hours field and problem work. Fundamentals of field measurements. Theory, selection, and use of surveying instruments; theories used in adjustment of surveys.</p> <p><b>Effective Date: Fall 2013</b></p>
Modify	CE 3113	<b>Approved</b>	<p><b>FROM:</b>  <b>CE 3113 Transportation Engr. (3).</b> (Prerequisite: CE 2213). Three hours lecture. An introduction to the general modes of transportation, the planning processes associated with the modes of transportation and design of transportation facilities.</p> <p><b>TO:</b>  <b>CE 3113 Transportation Engr. (3).</b> (Prerequisite: CE 2213; Co-requisite EM 2413). Three hours lecture. An introduction to the general modes of transportation, the planning processes associated with the modes of transportation and design of transportation facilities.</p> <p><b>Effective Date: Summer 2013</b></p>



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Add	CE 3311	Approved	<p><b>CE 3311 Construction Materials Lab.</b> (1). (Co-requisite: Credit or concurrent enrollment in CE 3313). Three hours laboratory. A laboratory introduction to testing construction materials that includes analysis of the data collected and presentation of the findings in written documents.</p> <p><b>Method of Instruction: L</b>  <b>Method of Delivery: F</b>  <b>CIP #: 14.0801</b>  <b>24 Char Abbreviation: Construction Mats Lab</b></p> <p><b>Effective Date: Fall 2013</b></p>
Modify	CE 3313	Approved	<p><b>FROM:</b>  <b>CE 3313 Construction Materials.</b> (3). (Prerequisite: Grade of C or better in CE 3413; credit or enrollment in ST 3123). Two hours lecture. Three hours laboratory. Physical and mechanical properties of basic civil engineering construction materials. Significance of and reasons for testing control and specifications of materials.</p> <p><b>TO:</b>  <b>CE 3313 Construction Materials.</b> (3). (Prerequisite: Grade of C or better in CE 3413; credit or enrollment in ST 3123). Three hours lecture. Physical and mechanical properties of basic civil engineering construction materials. Significance of and reasons for testing control and specifications of materials.</p> <p><b>Method of Instruction: C</b>  <b>Method of Delivery: F</b>  <b>CIP #: 14.0801</b>  <b>24 Char Abbreviation: Construction Materials</b></p> <p><b>Effective Date: Fall 2013</b></p>
Add	CE 3411	Approved	<p><b>CE 3411 Soil Mechanics Laboratory.</b> (1). (Prerequisite: Credit or concurrent enrollment in CE 3413). Three hours laboratory. Laboratory tests to determine soil properties and behavior.</p> <p><b>Method of Instruction: L</b>  <b>Method of Delivery: F</b>  <b>CIP #: 14.0802</b>  <b>24 Char Abbreviation: Soil Mechanics Lab</b></p> <p><b>Effective Date: Summer 2013</b></p>

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Modify	CE 3413	Approved	<p><b>FROM:</b>  <b>CE 3413 Soil Mechanics.</b> (3). (Prerequisite: Credit or current enrollment in EM 3213). Three hours lecture. Three hours laboratory. Introduction to soil properties and behavior. Emphasis is placed on relating soil properties to compressibility and shear strength of soils.</p> <p><b>TO:</b>  <b>CE 3413 Soil Mechanics.</b> (3). (Prerequisite: Credit or current enrollment in EM 3213). Three hours lecture. Introduction to soil properties and behavior. Emphasis is placed on relating soil properties to compressibility and shear strength of soils.</p> <p><b>Method of Instruction: C</b>  <b>Method of Delivery: F</b>  <b>CIP #: 14.0802</b>  <b>24 Char Abbreviation: Soil Mechanics</b></p> <p><b>Effective Date: Summer 2013</b></p>
Modify	CE 3811	Approved	<p><b>FROM:</b>  <b>CE 3811 Env./Wtr.Res.Engr.II Lab.</b> (1). (Co-requisite: Credit or concurrent enrollment in CE 3813). Three hours laboratory. A laboratory introduction to the analysis and design of systems for hydraulic and hydrologic management.</p> <p><b>TO:</b>  <b>CE 3501 Water Resource Engineering Lab.</b> (1). (Co-requisite: Credit or concurrent enrollment in CE 3503). A laboratory introduction to the analysis and design of systems for hydraulic and hydrologic management.</p> <p><b>Method of Instruction: L</b>  <b>Method of Delivery: F</b>  <b>CIP #: 14.0802</b>  <b>24 Char Abbreviation: Water Res. Engr. Lab</b></p> <p><b>Effective Date: Summer 2013</b></p>
Add	CE 3503	Approved	<p><b>CE 3503 Water Resource Engineering.</b> (3). (Prerequisite: Grade of C or better in CE 2803, credit or concurrent enrollment in EM 3313). Three hours lecture. Fundamentals of hydrology and hydraulics. Analysis and design of stormwater management systems; water distribution, stormwater, and sanitary sewer design.</p> <p><b>Method of Instruction: C</b>  <b>Method of Delivery: F</b>  <b>CIP #: 14.0801</b>  <b>24 Char Abbreviation: Water Resource Engr.</b></p> <p><b>Effective Date: Summer 2013</b></p>

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Delete	CE 3601	Approved	<p><b>Delete Course listing: CE 3601 Stress Analysis Laboratory.</b></p> <p><b>Effective Date: Fall 2013</b></p>
Delete	CE 3803	Approved	<p><b>Delete Course listing: CE 3803 Environmental/Water Resource Engineering I.</b></p> <p><b>Effective Date: Summer 2013</b></p>
Delete	CE 3813	Approved	<p><b>Delete Course listing: CE 3813 Environmental/Water Resource Engineering II.</b></p> <p><b>Effective Date: Summer 2013</b></p>
Add	CE 3823	Approved	<p><b>CE 3823 Environmental Engineering. (3).</b> (Prerequisite: Grade of C or better in CE 2803). Three hours lecture. Environmental process design. Analysis and design of systems for water treatment, wastewater treatment, air pollution control, and hazardous waste engineering.</p> <p><b>Method of Instruction: C</b>  <b>Method of Delivery: F</b>  <b>CIP #: 14.0801</b>  <b>24 Char Abbreviation: Environmental Engr.</b></p> <p><b>Effective Date: Summer 2013</b></p>
Add	CE 4153/6153	Approved	<p><b>CE 4153/6153 Freight Transportation System Analysis. (3).</b> (Prerequisite: CE 3113 and consent of instructor). Three hours lecture. Definition, taxonomy, and emerging issues for multi-modal transportation systems with focus on freight transportation and mathematical models for complex logistics and supply chain systems.</p> <p><b>Method of Instruction: C</b>  <b>Method of Delivery: F</b>  <b>CIP #: 14.0801</b>  <b>24 Char Abbreviation: Freight Transp Sys Analysis</b></p> <p><b>Effective Date: Summer 2013</b></p>
Distance	CE 6153	Approved	<p><b>Campus 5 approval for CE 6153 Freight Transportation System Analysis</b></p> <p><b>Method of Instruction: C</b>  <b>Method of Delivery: F and O</b>  <b>Effective Date: Summer 2013</b></p>

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Add	CE 4163/6163	Approved	<p><b>CE 4163/6163 Urban Transportation Planning. (3).</b> (Prerequisite: CE 3113 and consent of instructor). Three hours lecture. This course will provide an understanding of the nature of travel demand and methods and computer software used to plan for future transportation systems.</p> <p><b>Method of Instruction: C</b> <b>Method of Delivery: F</b> <b>CIP #: 14.0801</b> <b>24 Char Abbreviation: Urban Tranp. Planning</b></p> <p><b>Effective Date: Summer 2013</b></p>	✓
Distance	CE 6163	Approved	<p><b>Campus 5 approval for CE 6163 Urban Transportation Planning</b></p> <p><b>Method of Instruction: C</b> <b>Method of Delivery: F and O</b> <b>Effective Date: Summer 2013</b></p>	✓
Add	CE 4583/6583	Approved	<p><b>CE 4583/6583 Stream Reconnaissance. (3).</b> Three hours lecture. Stream channel form and sedimentary features. Understanding how water flows into trough streams and channel form and function. Hydrologic, hydraulic and geomorphic channel evolution processes.</p> <p><b>Method of Instruction: C</b> <b>Method of Delivery: F</b> <b>CIP #: 14.0801</b> <b>24 Char Abbreviation: Stream Reconnaissance</b></p> <p><b>Effective Date: Summer 2013</b></p>	✓
Distance	CE 6583	Approved	<p><b>Campus 5 approval for CE 6583 Stream Reconnaissance</b></p> <p><b>Method of Instruction: C</b> <b>Method of Delivery: F and O</b> <b>Effective Date: Summer 2013</b></p>	✓
Delete	CE 4601	Approved	<p><b>Approve the course deletion of CE 4601 Fundamentals of Structural Design.</b></p> <p><b>Effective Date: Fall 2013</b></p>	✓
Delete	CE 4603/6603	Approved	<p><b>Approve the course deletion of CE 4603/6603 Indeterminate Structures I.</b></p> <p><b>Effective Date: Fall 2013</b></p>	✓
Delete	CE 4613/6613	Approved	<p><b>Approve the course deletion of CE 4613/6613 Analysis of Structures for Forces of Nature.</b></p> <p><b>Effective Date: Summer 2013</b></p>	✓
Delete	CE 4623	Approved	<p><b>Approve the course deletion of CE 4623 Steel Structures.</b></p> <p><b>Effective Date: Fall 2013</b></p>	✓

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Delete	CE 4653/6653	Approved	Approve the course deletion of CE 4653/6653 Timber Design.  Effective Date: Summer 2013	✓
Delete	CE 4663/6663	Approved	Approve the course deletion of CE 4663/6663 Matr Met Struc Anal.  Effective Date: Summer 2013	✓
Delete	CE 4673/6673	Approved	Approve the course deletion of CE 4673/6673 Bridge Design.  Effective Date: Summer 2013	✓
Delete	CE 4683/6683	Approved	Approve the course deletion of CE 4683/6683 Adv. Steel Design.  Effective Date: Summer 2013	✓
Delete	CE 4693/6693	Approved	Approve the course deletion of CE 4693/6693 Reliability of Structure.  Effective Date: Summer 2013	✓
Add	CE 4743/6743	Approved	CE 4743/6743 Analysis and Mitigation of Conflicts, Claims, and Disputes. (3). Three hour lecture. Overview of the different techniques used to analyze and mitigate conflicts, claims, and disputes (C2D) in civil engineering projects.  Method of Instruction: C Method of Delivery: F CIP #: 14.0801 24 Char. Abbreviation: Analysis Mitigat. Of C2D  Effective Date: Summer 2013	✓
Distance	CE 6743	Approved	Campus 5 approval for CE 6743 Analysis and Mitigation of C2D  Method of Instruction: C Method of Delivery: F and O Effective Date: Summer 2013	✓
Add	CE 4863/6863	Approved	CE 4863/6863 Water and Wastewater Engineering. (3). (Prerequisite: CE 3813 with grade of C or better.) Three hour lecture. Evaluation of municipal water and wastewater characteristics and flows; application of various unit processes/unit operations for the treatment of municipal water and wastewater.  Method of Instruction: C Method of Delivery: F CIP #: 14.0801 24 Char. Abbreviation: Water & Waste Engr.  Effective Date: Summer 2013	✓

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Distance	CE 6863	Approved	<p><b>Campus 5 approval for CE 6863 Water and Wastewater Engineering.</b></p> <p><b>Method of Instruction: C</b>  <b>Method of Delivery: F and O</b>  <b>Effective Date: Summer 2013</b></p>	✓
Delete	CE 4873	Approved	<p><b>Approve the course deletion of CE 4873 Water and Wasterwater Engineering.</b></p> <p><b>Effective Date: Summer 2013</b></p>	✓
Add	CE 4883/6883	Approved	<p><b>CE 4883/6883 Engineered Environmental Systems. (3).</b> (Prerequisite: CE 3503 &amp; CE 3803 with grade of C or better). Three hour lecture. Evaluation and characterization of storm water quality; selection, design and application of various treatment technologies; surface water quality management and modeling; and sustainable engineering.</p> <p><b>Method of Instruction: C</b>  <b>Method of Delivery: F</b>  <b>CIP #: 14.0801</b>  <b>24 Char. Abbreviation: Engrd. Environmental Sys.</b></p> <p><b>Effective Date: Summer 2013</b></p>	✓
Distance	CE 6883	Approved	<p><b>Approve the distance delivery of CE 6883 Engineered Environmental Systems.</b></p> <p><b>Method of Instruction: C</b>  <b>Method of Delivery: F and O</b></p> <p><b>Effective Date: Summer 2013</b></p>	✓
Add	CE 4913/6913	Approved	<p><b>CE 4913/6913 Matrix of Analysis of Structures. (3).</b> (Prerequisite: Grade of C or better in CE 3603, or consent of instructor). Matrix formulation and computer analysis of structures. Linear stiffness analysis of truss and frames structures.</p> <p><b>Method of Instruction: C</b>  <b>Method of Delivery: F</b>  <b>CIP #: 14.0801</b>  <b>24 Char. Abbreviation: Matrix Struct Analysis</b></p> <p><b>Effective Date: Fall 2013</b></p>	✓
Distance	CE 6913	Approved	<p><b>Approve the distance delivery of CE 6913 Matrix Analysis of Structures</b></p> <p><b>Method of Instruction: C</b>  <b>Method of Delivery: F and O</b></p> <p><b>Effective Date: Fall 2013</b></p>	✓

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Add	CE 4923/6923	Approved	<p><b>CE 4923/6923 Structural Dynamics.</b> (3). (Prerequisite: Grade of C or better in CE 3603, or consent of instructor). Response of a single and multi-degree of freedom structures to dynamic loading: free vibration, harmonic excitation, pulses, and earthquakes.</p> <p><b>Method of Instruction: C</b>  <b>Method of Delivery: F</b>  <b>CIP #: 14.0801</b>  <b>24 Char. Abbreviation: Structural Dynamics</b></p> <p><b>Effective Date: Fall 2013</b></p>	✓
Distance	CE 6923	Approved	<p><b>Approve the distance delivery of CE 6923 Structural Dynamics</b></p> <p><b>Method of Instruction: C</b>  <b>Method of Delivery: F and O</b></p> <p><b>Effective Date: Fall 2013</b></p>	✓
Add	CE 4953	Approved	<p><b>CE 4953 Concrete and Steel Structures.</b> (3). (Prerequisite: Grade of C or better in CE 3603). Three hours lecture. Load on structures. Analysis and design of concrete and steel structures using the ACI and AISC specifications.</p> <p><b>Method of Instruction: C</b>  <b>Method of Delivery: F</b>  <b>CIP #: 14.0801</b>  <b>24 Char. Abbreviation: Concrete and Steel Str.</b></p> <p><b>Effective Date: Summer 2013</b></p>	✓
Add	CE 4963/6963	Approved	<p><b>CE 4963/6963 Design of Steel Structures.</b> (3). (Prerequisite: Grade of C or better in CE 4953). Three hours lecture. Loads on structures. Analysis and design of steel structures using the AISC specifications. Focus on beams and columns.</p> <p><b>Method of Instruction: C</b>  <b>Method of Delivery: F</b>  <b>CIP #: 14.0801</b>  <b>24 Char. Abbreviation: Steel Structures</b></p> <p><b>Effective Date: Summer 2013</b></p>	✓
Distance	CE 6963	Approved	<p><b>Approve the distance delivery of CE 6963 Design of Steel Structures.</b></p> <p><b>Method of Instruction: C</b>  <b>Method of Delivery: F and O</b></p> <p><b>Effective Date: Summer 2013</b></p>	✓

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Add	CE 4973/6973	Approved	<p><b>CE 4973/6973 Design of Concrete Structures. (3).</b> (Prerequisite: Grade of C or better in CE 4953). Three hours lecture. Loads on structures. Analysis and design of concrete structures using the ACI specifications. Focus on beams and columns. <b>Method of Instruction: C</b> <b>Method of Delivery: F</b> <b>CIP #: 14.0801</b> <b>24 Char. Abbreviation: Concrete Structures</b></p> <p><b>Effective Date: Summer 2013</b></p>	✓
Distance	CE 6973	Approved	<p><b>Approve the distance delivery of CE 6973 Design of Concrete Structures.</b></p> <p><b>Method of Instruction: C</b> <b>Method of Delivery: F and O</b></p> <p><b>Effective Date: Summer 2013</b></p>	✓
Add	CE 4983/6983	Approved	<p><b>CE 4983/6983 Engineering of Wood Structures. (3).</b> (Prerequisite: Grade of C or better in CE 3603). Three hours lecture. Loads on structures. Analysis and design of wood structures using the appropriate specifications. Focus on beams and columns. <b>Method of Instruction: C</b> <b>Method of Delivery: F</b> <b>CIP #: 14.0801</b> <b>24 Char. Abbreviation: Engr.Wood Structures</b></p> <p><b>Effective Date: Summer 2013</b></p>	✓
Distance	CE 6983	Approved	<p><b>Approve the distance delivery of CE 6983 Engineering of Wood Structures.</b></p> <p><b>Method of Instruction: C</b> <b>Method of Delivery: F and O</b></p> <p><b>Effective Date: Summer 2013</b></p>	✓
Add	CE 4993/6993	Approved	<p><b>CE 4993/6993 Prestressed Concrete Structures. (3).</b> (Prerequisite: Grade of C or better in CE 4953). Three hours lecture. Loads on structures. Analysis and design of prestressed concrete structures using ACI specifications. Focus on beams. <b>Method of Instruction: C</b> <b>Method of Delivery: F</b> <b>CIP #: 14.0801</b> <b>24 Char. Abbreviation: Prestr Concr Structures</b></p> <p><b>Effective Date: Summer 2013</b></p>	✓



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Distance	CE 6993	Approved	<p>Approve the distance delivery of CE 6993 Prestressed Concrete Structures.</p> <p><b>Method of Instruction: C</b> <b>Method of Delivery: F and O</b></p> <p><b>Effective Date: Summer 2013</b></p>
Add	<sup>41331</sup> CE 6133	Approved	<p><b>CE 6133 Geometric Design of Highways. (3).</b> (Prerequisite: Grade of C or better in CE 2213 and CE 3113). Three hours lecture. Elements of highway and street design on horizontal alignment, vertical alignment and cross sections. Computer aided design and applications to highway engineering.</p> <p><b>Method of Instruction: C</b> <b>Method of Delivery: F</b> <b>CIP #: 14.0801</b> <b>24 Char. Abbreviation: Geom. Design. Hwys</b></p> <p><b>Effective Date: Fall 2013</b></p>
Distance	CE 6133	Approved	<p>Approve the distance delivery of CE 6133 Geometric Design of Highways.</p> <p><b>Method of Instruction: C</b> <b>Method of Delivery: F and O</b></p> <p><b>Effective Date: Summer 2013</b></p>
Add	<sup>41331</sup> CE 6433	Approved	<p><b>CE 6433 Foundations. (3).</b> (Prerequisite: Grade of C or better in CE 3413). Three hours lecture. Geotechnical design of shallow and deep foundations. Coverage includes bearing capacity, settlement, and design of retaining earth structures.</p> <p><b>Method of Instruction: C</b> <b>Method of Delivery: F</b> <b>CIP #: 14.0801</b> <b>24 Char. Abbreviation: Foundations</b></p> <p><b>Effective Date: Summer 2013</b></p>
Distance	CE 6433	Approved	<p>Approve the distance delivery of CE 6433 Foundations</p> <p><b>Method of Instruction: C</b> <b>Method of Delivery: F and O</b></p> <p><b>Effective Date: Summer 2013</b></p>
Distance	CE 8133	Approved Contingent	<p>Approve the distance delivery of CE 8133 Traffic Flow Theory.</p> <p><b>Method of Instruction: C</b> <b>Method of Delivery: F and O</b></p> <p><b>Effective Date: Summer 2013</b></p>

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Add	CE 8143	Approved	<p><b>CE 8143 Traffic Simulation and Advanced Traffic Management.</b> (3). (Prerequisite: CE 4143/6143 or one computer programming related course). Introduction of traffic control concepts. Understanding of existing traffic control systems. In-depth knowledge of traffic simulation.  <b>Method of Instruction: C</b>  <b>Method of Delivery: F</b>  <b>CIP #: 14.0801</b>  <b>24 Char. Abbreviation: Traffic Sim. Mgmt.</b></p> <p><b>Effective Date: Summer 2013</b></p>	✓
Distance	CE 8143	Approved	<p><b>Approve the distance delivery of CE 8143 Traffic Simulation and Advanced Traffic Management.</b>  <b>Method of Instruction: C</b>  <b>Method of Delivery: F and O</b></p> <p><b>Effective Date: Summer 2013</b></p>	✓
Add	CE 8163	Approved	<p><b>CE 8163 Public Transportation.</b> (3). (Prerequisite: CE 4153/6153 or consent of instructor). Three hours lecture. Principles of efficient management, and planning of public transportation systems: capabilities and limitations, optimal scale and layout, design and operation of transit systems.  <b>Method of Instruction: C</b>  <b>Method of Delivery: F</b>  <b>CIP #: 14.0801</b>  <b>24 Char. Abbreviation: Public Transportation.</b></p> <p><b>Effective Date: Summer 2013</b></p>	✓
Distance	CE 8163	Approved	<p><b>Approve the distance delivery of CE 8163 Public Transportation</b>  <b>Method of Instruction: C</b>  <b>Method of Delivery: F and O</b></p> <p><b>Effective Date: Summer 2013</b></p>	✓
Add	CE 8313	Approved	<p><b>CE 8313 Materials Science and Durability of Concrete.</b> (3). (Prerequisite: Consent of Instructor). Three hours lecture. Materials science of concrete and cement-based materials with a focus on materials specification and testing as well as identifying mechanisms of material degradation.  <b>Method of Instruction: C</b>  <b>Method of Delivery: F</b>  <b>CIP #: 14.0801</b>  <b>24 Char. Abbreviation: Concrete Materials</b></p> <p><b>Effective Date: Summer 2013</b></p>	✓
Distance	CE 8313	Approved	<p><b>Approve the distance delivery of CE 8313 Materials Science and Durability of Concrete</b>  <b>Method of Instruction: C</b>  <b>Method of Delivery: F and O</b>  <b>Effective Date: Fall 2013</b></p>	✓

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Add	CE 8413	Approved	<p><b>CE 8413 Advanced Geotechnical Site Characterization. (3).</b> (Prerequisite: Consent of Instructor). Three hours lecture. Fundamentals of geotechnical engineering site characterization and special techniques for large projects involving difficult complex geological soils.  <b>Method of Instruction: C</b>  <b>Method of Delivery: F</b>  <b>CIP #: 14.0801</b>  <b>24 Char. Abbreviation: Adv Geotech Site Charact</b></p> <p><b>Effective Date: Summer 2013</b></p>
Distance	CE 8413	Approved	<p><b>Approve the distance delivery of CE 8413 Advanced Geotechnical Site Characterization</b>  <b>Method of Instruction: C</b>  <b>Method of Delivery: F and O</b></p> <p><b>Effective Date: Summer 2013</b></p>
Add	CE 8423	Approved	<p><b>CE 8423 Geotechnical Earthquake Engineering. (3).</b> (Prerequisite: Grade of C or better in CE 3413 or Consent of Instructor). Three hours lecture. Dynamic soil properties, seismic site response analysis, and evaluation of soil liquefaction, seismic stability of dams and embankments, seismic aspects of foundation design.  <b>Method of Instruction: C</b>  <b>Method of Delivery: F</b>  <b>CIP #: 14.0801</b>  <b>24 Char. Abbreviation: Geotech Earthquake Engr</b></p> <p><b>Effective Date: Summer 2013</b></p>
Distance	CE 8423	Approved	<p><b>Approve the distance delivery of CE 8423 Geotechnical Earthquake Engineering.</b>  <b>Method of Instruction: C</b>  <b>Method of Delivery: F and O</b></p> <p><b>Effective Date: Summer 2013</b></p>
Modify	CE 8433	Approved	<p><b>FROM:</b>  <b>CE 8433 Advanced Foundations. (3).</b> (Prerequisite: Grade of C or better in CE 4433 or equivalent). Three hours lecture. A continuation of CE 3433 with emphasis on unusual soil conditions and foundations.</p> <p><b>TO:</b>  <b>CE 8433 Advanced Foundations. (3).</b> (Prerequisite: Grade of C or better in CE 4433 or consent of instructor). Three hours lecture. A continuation of CE 3433 with emphasis on unusual soil conditions and foundations.</p> <p><b>Effective Date: Summer 2013</b></p>

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Distance	CE 8433	Approved	<p><b>Approve the distance delivery of CE 8433 Advanced Foundations.</b>  <b>Method of Instruction: C</b>  <b>Method of Delivery: F and O</b></p> <p><b>Effective Date: Summer 2013</b></p>	✓
Add	CE 8443	Approved	<p><b>CE 8443 Soil Behavior. (3).</b> (Prerequisite: Grade of C or better in CE 3413 or equivalent). Three hours lecture. Review of methods of testing to define response; rationale for choosing shear strength and deformation parameters for soils for design applications.  <b>Method of Instruction: C</b>  <b>Method of Delivery: F</b>  <b>CIP #: 14.0801</b>  <b>24 Char. Abbreviation: Soil Behavior</b></p> <p><b>Effective Date: Summer 2013</b></p>	✓
Distance	CE 8443	Approved	<p><b>Approve the distance delivery of CE 8443 Soil Behavior.</b>  <b>Method of Instruction: C</b>  <b>Method of Delivery: F and O</b>  <b>Effective Date: Summer 2013</b></p>	✓
Distance	CE 8463	Approved	<p><b>Approve the distance delivery of CE 8463 Slopes and Embankments.</b>  <b>Method of Instruction: C</b>  <b>Method of Delivery: F and O</b>  <b>Effective Date: Summer 2013</b></p>	✓
Add	CE 8603	Approved	<p><b>CE 8603 Matrix Analysis of Structures II. (3).</b> (Prerequisite: Grade of B or better in CE 4603/6603). Advanced topics in matrix structural analysis using the direct stiffness method.  <b>Method of Instruction: C</b>  <b>Method of Delivery: F</b>  <b>CIP #: 14.0801</b>  <b>24 Char. Abbreviation: Mat Struct Analysis II</b>  <b>Effective Date: Fall 2013</b></p>	✓
Distance	CE 8603	Approved	<p><b>Approve the distance delivery of CE 8603 Matrix Analysis of Structures II.</b>  <b>Method of Instruction: C</b>  <b>Method of Delivery: F and O</b>  <b>Effective Date: Fall 2013</b></p>	✓
Add	CE 8653	Approved	<p><b>CE 8653 Computational Inelasticity. (3).</b> Computational methods and finite elements applied to inelastic deformations of solids; deformation continuum plasticity, viscoplasticity and viscoelasticity; with application to metals, soils, concrete, and polymers.  <b>Method of Instruction: C</b>  <b>Method of Delivery: F</b>  <b>CIP #: 14.0801</b>  <b>24 Char. Abbreviation: Comp Inelasticity</b></p> <p><b>Effective Date: Fall 2013</b></p>	✓

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Distance	CE 8653	Approved	<p>Approve the distance delivery of CE 8653 Computational Inelasticity.  <b>Method of Instruction: C</b>  <b>Method of Delivery: F and O</b></p> <p><b>Effective Date: Fall 2013</b></p>	✓
Add	CE 8713	Approved	<p><b>CE 8713 Green Building Systems. (3).</b> Three hour lecture. Understanding negative impacts of construction on the societal sustainability and using life-cycle assessment, systems analysis and economic valuation for mitigation.  <b>Method of Instruction: C</b>  <b>Method of Delivery: F</b>  <b>CIP #: 14.0801</b>  <b>24 Char. Abbreviation: Green Building Systems</b></p> <p><b>Effective Date: Summer 2013</b></p>	✓
Distance	CE 8713	Approved	<p>Approve the distance delivery of CE 8713 Green Building Systems.  <b>Method of Instruction: C</b>  <b>Method of Delivery: F and O</b></p> <p><b>Effective Date: Summer 2013</b></p>	✓
Maymester	ECE 4423/6423	Approved	<p><b>ECE 4423/6423 Introduction to Remote Sensing Technologies</b></p> <p>Approved to be offered in Maymester/Shortened Format and Study Abroad</p>	✓
Distance	ECE 6633	Approved	<p><b>ECE 6633 Power Distribution Systems</b>  Approved to be offered Campus 5 Distance  <b>Method of Instruction: C</b>  <b>Method of Delivery: E, I, and O</b></p> <p><b>Effective Date: Summer 2013</b></p>	✓
Distance	ECE 8743	Approved	<p><b>ECE 8743 Advanced Robotics</b>  Approved to be offered Campus 5 Distance  <b>Method of Instruction: C</b>  <b>Method of Delivery: E, I, and O</b></p> <p><b>Effective Date: Summer 2013</b></p>	✓
Distance	ME 8253	Approved	<p><b>ME 8253 Fatigue and Fracture in Engineering Design</b>  Approved to be offered Campus 5 Distance  <b>Method of Instruction: C</b>  <b>Method of Delivery: I and O</b></p> <p><b>Effective Date: Summer 2013</b></p>	✓

**g. Forest Resources**

Delete	WFA 4221/6221	Approved	Approve the deletion of WFA 4221/6221 Limnology Lab.  Effective Date: Summer 2013
Modify	WFA 4222/6222	Approved	<b>FROM:</b> WFA 4222/6222 Limnology. (2). (Prerequisite: WFA 3133 or consent of instructor; co-requisite: WFA 4221/6221). Two hours lecture. The physical, chemical, and biological processes underlying the function and productivity of freshwater ecosystems.  <b>TO: WFA 4233/6233 Limnology. (3).</b> (Prerequisite: WFA 3133 or consent of instructor). Two hours lecture. Four hours laboratory alternate weeks. The physical, chemical, and biological processes underlying the function and productivity of freshwater ecosystems. Laboratory skills required to evaluate freshwater ecosystems.  <b>Method of Instruction: B</b> <b>Method of Delivery: F</b> <b>CIP #: 26.0709</b> <b>24 Char Abbreviation: Limnology</b>  Effective Date: Summer 2013
Add	WFA 4613/6613	Approved Contingent	

**h. Veterinary Medicine**

Add	CVM 8080	Tabled	
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**II. Degree Proposals by College**  
**a. Agriculture and Life Sciences**

Action Requested	Degree, Major, Concentrations	UCCC Action	Changes Approved
Add	<b>Degree:</b> Bachelor of Science <b>Major:</b> Environmental Science in Agricultural Systems <b>Concentration:</b> n/a	Approved	Forwarded to Provost for processing of IHL forms Appendix 7: Authorization to Plan a New Degree and Appendix 8: Approval of a New Degree

**b. Arts and Sciences**

Modify	<b>Degree:</b> <b>Major:</b> <b>Minor: English</b>	Approved	<b>Effective Date: Fall 2013</b>	✓
Add	<b>Degree:</b> <b>Major:</b> <b>Minor: Linguistics</b>	Approved	<b>Effective Date: Fall 2013</b>	✓

**c. Business**

Modify	<b>Degree:</b> Bachelor of Business Administration <b>Major:</b> Finance <b>Concentration:</b> Finance Risk Management and Insurance	Approved	<b>Effective Date: Fall 2013</b>	✓
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**d. Education**

Distance	<b>Degree:</b> Master of Science <b>Major:</b> Counselor Education <b>Concentration:</b> Rehabilitation Counseling	Tabled		
Modify	<b>Degree:</b> Bachelor of Science <b>Major:</b> Kinesiology <b>Concentration:</b> Sports Studies	Approved	<b>Effective Date: Fall 2013</b>	✓

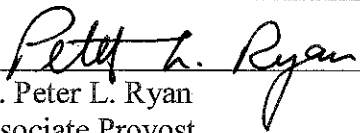
**e. Engineering**

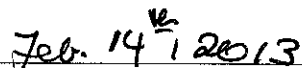
Modify	<b>Certificate:</b> <b>Materials Certificate Program</b>	Approved	<b>Forwarded to Graduate Council</b>	
Modify	<b>Degree:</b> Bachelor of Science <b>Major:</b> Civil Engineering <b>Concentrations:</b> Civil Engineering Environmental Engineering	Approved	<b>Effective Date: Summer 2013</b>	✓
Modify	<b>Degree:</b> Bachelor of Science <b>Major:</b> Civil Engineering <b>Concentration:</b> Civil Engineering	Approved	<b>Effective Date: Summer 2013</b>	✓
Modify	<b>Degree:</b> Bachelor of Science <b>Major:</b> Veterinary Medical Technology	Approved	<b>Effective Date: Fall 2013</b>	✓

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

Proposals\*\*

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\_\_\_\_\_  
Dr. Peter L. Ryan  
Associate Provost

  
\_\_\_\_\_  
Date