

Provost & Executive  
Vice President

MAY 09 2019

RECEIVED  
DOC.# 37426

## A MEMORANDUM

DATE: May 7, 2019

TO: Academic Deans Council

FROM: Dr. Dana Pomykal Franz  
UCCC Chair

RE: Change Notice 10

Listed below are curriculum change proposals which have been recommended by the University Committee 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 May 20, 2019 by contacting Dr. Dana Pomykal Franz (5-7117) or the office of the Vice President for Academic Affairs (5-3742). If no questions have been raised, the proposals will be considered approved automatically.

1. Course Proposals by college/school

**ACADEMIC AFFAIRS**

<p>Addition</p> <p><u>CMB 8011</u></p>	<p><b>Approved</b></p>	<p><b>CMB 8011 Graduate Seminar.</b> (1). This course serves as an introduction to the graduate program in computational biology and will introduce students to common methods and current research in bioinformatics and computational biology.  Method of Instruction: C  Method of Delivery: F  Campus: 1  CIP: 261104  30 Char: Graduate Seminar  Effective: Summer 2019</p>
<p>Addition</p> <p><u>CMB 8013</u></p>	<p><b>Approved</b></p>	<p><b>CMB 8013 Applied Computational Biology.</b> (3). This course focuses on the application of computational methods and tools to explore biological processes and diversity.  Method of Instruction: C  Method of Delivery: F  Campus: 1  CIP: 261104  30 Char: Applied Computational Biology  Effective: Summer 2019</p>
<p><b>Modification</b>  +Online/Distance  +Meridian</p> <p><u>DSS 0113</u></p>	<p><b>Approved</b></p>	<p><b>FROM: DSS 0113 Money Math.</b> (3). Three hours lecture. Expand knowledge of money management and develop financial planning skills. Focus on skills of budgeting, saving, spending money, money management and financial planning vocabulary.  <b>TO: DSS 0113 Money Math: Practical Money Skills.</b> (3). Three hours lecture. Understanding the practical money skills used in real-world settings. The course will introduce basic money math skills such as money safety, using the ATM, spending money, and budgeting.  Method of Instruction: C  Method of Delivery: F &amp; O  Campus: 1, 2, &amp; 5  CIP: 320104  30 Char: Practical Money Skills  Repeatable: May be repeated one time  Effective: Summer 2019</p>

<p>Addition +Online/Distance +Meridian</p>	<p><u>DSS 0133</u></p>	<p><b>Approved</b></p> <p><b>DSS 0133 Money Math: Money Management.</b> (3). Three hours lecture. Expand knowledge of practical money skills. This course will discuss banking, budgeting, smart shopping practices, and consumer awareness. Method of Instruction: C Method of Delivery: F &amp; O Campus: 1, 2, &amp; 5 CIP: 320104 30 Char: Money Math: Money Management Grade Mode: Pass/Fail Repeatable: May be repeated one time Effective: Summer 2019</p>
<p>Addition +Online/Distance +Meridian</p>	<p><u>DSS 0153</u></p>	<p><b>Approved</b></p> <p><b>DSS 0153 Money Math: Financial Literacy.</b> (3). Three hours lecture. Develop financial planning skills while understanding long term benefits of making responsible money choices. Topics covered include income and careers, planning for expenses, credit and borrowing, and insurance protection. Method of Instruction: C Method of Delivery: F &amp; O Campus: 1, 2, &amp; 5 CIP: 320104 30 Char: Money Math: Financial Literacy Grade Mode: Pass/Fail Repeatable: May be repeated one time Effective: Summer 2019</p>
<p>Modification +Online/Distance +Meridian</p>	<p><u>DSS 0713</u></p>	<p><b>Approved</b></p> <p><b>FROM: DSS 0713 Basic Employment Skills.</b> (3). Three hours lecture. Equips students with necessary skills to obtain and maintain employment and also solve and troubleshoot common workplace situations they may encounter in their professional lives. <b>TO: DSS 0713 Basic Employment: Career Exploration.</b> (3). Three hours lecture. Focuses on career exploration and provides students the opportunity to research various occupation groups that align with their interests and skills with the goal of identifying realistic career paths. Method of Instruction: C Method of Delivery: F &amp; O Campus: 1, 2, &amp; 5 CIP: 320105 30 Char: Career Exploration Grade Mode: Pass/Fail Repeatable: May be repeated one time Effective: Summer 2019</p>

Addition +Online/Distance +Meridian	<u>DSS 0733</u>	Approved	<b>DSS 0733: Basic Employment: Maintaining Employment.</b> (3). Three hours lecture. Equips students with necessary skills to maintain employment and to be able to solve and troubleshoot common workplace situations they may encounter in their professional lives. Method of Instruction: C Method of Delivery: F & O Campus: 1, 2, & 5 CIP: 320105 30 Char: Maintaining Employment Grade Mode: Pass/Fail Repeatable: May be repeated one time Effective: Summer 2019
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### AGRICULTURE AND LIFE SCIENCES

Addition +Online/Distance	<u>ADS 8133</u>	Passed Contingent	<b>ADS 8133 Endocrine Secretions.</b>
Modification +Online/Distance	<u>ADS 8423</u>	Passed Contingent	<b>ADS 8423 Meat Science.</b>
Modification +Online/Distance	<u>ADS 8463</u>	Passed Contingent	<b>ADS 8463 Advanced Animal Nutrition.</b>
Addition	<u>AELC 4723/6723</u>	Passed Contingent	<b>AELC 4723/6723 Pedagogy of AgriScience Programs.</b>
Modification	<u>FDM 2553</u>	Passed Contingent	<b>FDM 2553 Introduction to Merchandising.</b>
Modification	<u>FDM 3553</u>	Passed Contingent	<b>FDM 3553 Merchandise Retail Pricing and Inventory Management.</b>
+Online/Distance	<u>FDM 4513/6513</u>	Passed Contingent	<b>FDM 4513/6513 Fashion Consumer Behavior.</b>
Modification	<u>FDM 4693/6693</u>	Passed Contingent	<b>FDM 4693/6693 Digital Fashion Retailing.</b>

Addition (+Online/Distance)	<u><a href="#">FNH 4793/6793</a></u>	Approved	<b>FNH 4793/6793 Health Promotion in the Workplace. (3).</b> (Prerequisite: FNH 3163 or permission of instructor). Three hours lecture. Skills and competencies for the development of evidence based workplace health promotion programs. Emphasis is placed on key concepts, resources and tools for creation of wellness teams and creation of health-enhancing workplace environments. Method of Instruction: C Method of Delivery: O Campus: 5 CIP: 512207 30 Char: Hlth Prom in the Workplace Effective: Summer 2019
Modification (+Online/Distance)	<u><a href="#">FNH 8423</a></u>	Passed Contingent	<b>FNH 8423 Meat Science.</b>
Modification	<u><a href="#">GA 1111</a></u>	Passed Contingent	<b>GA 1111 Survey of Agriculture.</b>
(+Online/Distance)	<u><a href="#">HDFS 4843/6843</a></u>	Passed Contingent	<b>HDFS 4843/6843 Family Interaction.</b>
(+Online/Distance)	<u><a href="#">HDFS 4853/6853</a></u>	Passed Contingent	<b>HDFS 4853/6853 The Family: A Human Ecological Perspective.</b>
Addition	<u><a href="#">PSS 4733/6733</a></u>	Passed Contingent	<b>PSS 4733/6733 Ag. Flight Technologies I.</b>
Addition	<u><a href="#">PSS 4743/6743</a></u>	Passed Contingent	<b>PSS 4743/6743 Ag. Flight Technologies II.</b>

## ARCHITECTURE, ART AND DESIGN

(+Online/Distance)	<u><a href="#">ART 1013</a></u>	Approved	<b>ART 1013 Approval to Offer Online Campus 5 for Art History I.</b> Method of Instruction: A & C Method of Delivery: F & O Campus: 1 & 5 Effective: Summer 2019
(+Online/Distance)	<u><a href="#">ART 1023</a></u>	Approved	<b>ART 1023 Approval to Offer Online Campus 5 for Art History II.</b> Method of Instruction: C Method of Delivery: F & O Campus: 1 & 5 Effective: Summer 2019

+Online/Distance	<u>ART 3633</u>	Approved	<b>ART 3633 Approval to Offer Online Campus 5 for History of Photography.</b> Method of Instruction: C Method of Delivery: F & O Campus: 1, 5 & 8 Effective: Summer 2019
Addition	<u>ID 4683</u>	Approved	<b>ID 4683 Lessons from the Theatre: Architectural Lighting Design. (3).</b> (Three hours lecture). An introduction to the basics of theatre stage lighting and the theoretical approach of applying these principles to architectural lighting design. Method of Instruction: C Method of Delivery: F Campus: 1 CIP: 040501 30 Char: Theatre: Arch. Lighting Design Effective: Summer 2019

## ARTS AND SCIENCES

+Online/Distance	<u>AN 1103</u>	Approved	<b>AN 1103 Approval to Offer Online Campus 5 for Introduction to Anthropology.</b> Method of Instruction: C Method of Delivery: F & O Campus: 1, 2, & 5 Effective: Summer 2019
Modification	<u>AN 4313/6313</u>	Approved	<b>FROM: AN 4313/6313 Human Osteology. (3).</b> Two hours lecture and three hours laboratory. Identification of each human bone both complete and fragmentary. Study of skeletal and dental development, sex differences, age changes, hard tissue histology, and paleopathology. <b>TO: AN 4313/6313 Human Osteology. (3).</b> Two hours lecture and two hours laboratory. Identification of each human bone both complete and fragmentary. Study of skeletal and dental development, sex differences, age changes, hard tissue histology, trauma analysis, and paleopathology. Guest lectures in advanced laboratory methods. Method of Instruction: C, K, B, A Method of Delivery: F Campus: 1, 2, & 8 CIP: 450201 30 Char: Human Osteology Effective: Summer 2019

Modification	<u>CRM 3033</u>	Approved	<p><b>FROM: CRM 3316 Criminology Internship.</b>  (6). (Prerequisite: 24 hours of coursework within the criminology major and a minimum GPA of 2.5 and consent of instructor). Six hours practicum. Practicum within selected corrections agencies, individually supervised performance and self-development in relation to clients, agency workers, and provisions of correctional services.</p> <p><b>TO: CRM 3033 Criminology Internship.</b>  (3). (Prerequisite: 24 hours of coursework within the criminology major and a minimum GPA of 2.5 and consent of instructor). Three hours practicum. Practicum within selected corrections agencies, individually supervised performance and self-development in relation to clients, agency workers, and provisions of correctional services.</p> <p>Method of Instruction: E  Method of Delivery: F  Campus: 1 &amp; 2  CIP: 450401  Repeatable: May be repeated one time  30 Char: Criminology Internship  Effective: Summer 2019</p>
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**BUSINESS**

+Online/Distance	<u>MKT 3323</u>	Passed Contingent	International Logistics.
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## EDUCATION

Modification	<u>EPY 8214</u>	Approved	<p><b>FROM: EPY 8214 Advanced Educational and Psychological Statistics. (4).</b> (Prerequisite: EPY 4214/6214 or its equivalent.) Three hours lecture and three hours laboratory. A survey of advanced statistical methods with emphasis upon the design and analysis of research problems in education and psychology.</p> <p><b>TO: EPY 8214 Intermediate Educational and Psychological Statistics. (4).</b> (Prerequisite: EPY 4214/6214 or its equivalent.) Three hours lecture and three hours laboratory. ANOVA techniques and regression analysis are discussed with emphasis upon the design and analysis of research problems in education and psychology.</p> <p>Method of Instruction: B, C, K  Method of Delivery: F &amp; O  Campus: 1, 2, &amp; 5  CIP: 130603  30 Char: Int Ed &amp; Psy Stat  Effective: Summer 2019</p>
Modification +Online/Distance	<u>EPY 9213</u>	Approved	<p><b>FROM: EPY 9213 Advanced Analysis in Educational Research. (3).</b> (Prerequisites: EPY 6214 and EPY 8214, or equivalent course work). Three hours lecture. An examination of quantitative problem-solving methods, with special emphasis on modern techniques for investigating multivariable research problems in education.</p> <p><b>TO: EPY 9213 Multivariate Analysis in Educational Research. (3).</b> (Prerequisites: EPY 6214 and EPY 8214, or equivalent course work). Three hours lecture. An examination of multivariate data analytic techniques for investigating research problems in education.</p> <p>Method of Instruction: C  Method of Delivery: F &amp; O  Campus: 1, 2, &amp; 5  CIP: 130601  30 Char: Multi Analysis Ed Rsch  Effective: Summer 2019</p>
Modification	<u>INDT 1203</u>	Passed Contingent	<b>INDT 1203 Industrial Drafting &amp; Print Reading.</b>
Modification	<u>INDT 1814</u>	Passed Contingent	<b>INDT 1814 Basic Industrial Electricity and Electronics.</b>



Modification	<u>INDT 2113</u>	Passed Contingent	INDT 2113 Introduction to PLC Programming.
Modification	<u>INDT 2123</u>	Passed Contingent	TKI 2123 Introduction to CNC Programming.
Modification	<u>INDT 2323</u>	Passed Contingent	TKI 2323 Welding Technology.
Modification	<u>INDT 2613</u>	Passed Contingent	TKI 4113 Industrial Fluid Power.
Modification	<u>INDT 3044</u>	Passed Contingent	TKI 3044 Industrial Safety.
Modification	<u>INDT 3063</u>	Passed Contingent	TKI 3063 Industrial Human Relations.
Modification	<u>INDT 3104</u>	Passed Contingent	TKI 3104 Advanced Industrial Electricity and Electronics.
Modification	<u>INDT 3223</u>	Passed Contingent	TKI 3223 Industrial Materials.
Modification	<u>INDT 3243</u>	Passed Contingent	TKI 3243 Industrial Metrology.
Modification	<u>INDT 3343</u>	Passed Contingent	INDT 3D Modeling for Manufacture.
Modification	<u>INDT 3363</u>	Passed Contingent	TKI 3363 Motion and Time Study.
Modification	<u>INDT 3373</u>	Passed Contingent	TKI 3373 Forecasting and Cost Modeling.
Modification	<u>INDT 3683</u>	Passed Contingent	TKI 3683 CNC Machining Processes.
Modification	<u>INDT 3813</u>	Passed Contingent	TKI 3813 Writing for Industry.
Modification	<u>INDT 4103</u>	Passed Contingent	TKI 4103 Industrial Control Systems.
Modification	<u>INDT 4203/6203</u>	Passed Contingent	TKI 4203/6203 Automated Systems.
Modification	<u>INDT 4213</u>	Passed Contingent	INDT 4213 Survey of Energy Sources and Power Technology.

Modification	<u>INDT 4224/6224</u>	Passed Contingent	INDT 4224/6224 Quality Assurance.
Modification	<u>INDT 4233/6233</u>	Passed Contingent	INDT 4233/6233 Maintenance Management.
Modification	<u>INDT 4263/6263</u>	Passed Contingent	INDT 4263/6263 Manufacturing Technology and Processing.
Modification	<u>INDT 4303/6303</u>	Passed Contingent	INDT 4303/6303 Industrial Robotics.
Modification	<u>INDT 4343</u>	Passed Contingent	INDT 4343 Computer Aided Drafting and Design.
Modification	<u>INDT 4373</u>	Passed Contingent	INDT 4373 Lean Six Sigma.
Modification	<u>INDT 4403</u>	Passed Contingent	INDT 4403 Automated Systems II.
Modification	<u>INDT 4463</u>	Passed Contingent	INDT 4463 Manufacturing Technology & Processes II.
Modification	<u>INDT 4801</u>	Passed Contingent	INDT 4801 Senior Seminar.

## ENGINEERING

Addition +Online/Distance +Gulf Coast	<u>ASE 4353/6353</u>	Passed Contingent	ASE 4353/6353 Combustion Theory and Modeling.
+Online/Distance (split level with ASE 4163)	<u>ASE 6163</u>	Passed Contingent	ASE 4163/6163 Introduction to Flight Test Engineering.
Addition +Online/Distance	<u>CE 4173/6173</u>	Passed Contingent	CE 4173/6173 Travel Behavior Modeling and Forecasting.
+Online/Distance	<u>EM 2413</u>	Approved	EM 2413 Approval to Offer Online Campus 5 for Engineering Mechanics I. Method of Instruction: A & C Method of Delivery: F & O Campus: 1, 2, 5, 6, & 8 Effective: Summer 2019
+Online/Distance	<u>EM 2433</u>	Approved	EM 2433 Approval to Offer Online Campus 5 for Engineering Mechanics II. Method of Instruction: C Method of Delivery: F & O Campus: 1, 2, 5, & 6 Effective: Summer 2019

+Online/Distance	<u>EM 3213</u>	Approved	<b>EM 3213 Approval to Offer Online Campus 5 for Mechanics of Materials.</b> Method of Instruction: C Method of Delivery: F & O Campus: 1, 2, 5, & 6 Effective: Summer 2019
+Online/Distance	<u>EM 3313</u>	Approved	<b>EM 3313 Approval to Offer Online Campus 5 for Fluid Mechanics.</b> Method of Instruction: A & C Method of Delivery: F & O Campus: 1, 2, 5, 6, & 8 Effective: Summer 2019
Addition +Online/Distance +Gulf Coast	<u>IE 1313</u>	Approved	<b>IE 1313 Lean Works Systems. (3).</b> Three hours lecture. Provides an introduction to fundamental industrial engineering concepts and tools, including career exploration. Introduces theories and concepts related to lean work systems, along with techniques for system evaluation and improvement. Method of Instruction: C Method of Delivery: F Campus: 1, 5, & 6 CIP: 143501 30 Char: Lean Works Systems Effective: Summer 2019
Addition +Gulf Coast	<u>IE 4914</u>	Approved	<b>IE 4914 Industrial Systems Design. (4).</b> (Prerequisite: Grade of C or better in IE 3123, IE 3323, and IE 4333 and consent of instructor). Two hours lecture. Six hours laboratory. The fundamental procedures and techniques in design of operational systems. Emphasis on both sub-systems and total systems. Method of Instruction: C Method of Delivery: F Campus: 1 & 6 CIP: 143501 30 Char: Industrial Systems Design Effective: Summer 2019
Addition +Online/Distance +Gulf Coast	<u>IE 4933/6933</u>	Approved	<b>IE 4933/6933 Information System in Industrial Engineering. (3).</b> (Prerequisite: Grade of C or better in CSE 1233, CSE 1284 or equivalent). Three hours lecture. An introduction to the design and development of information systems for use in industrial engineering applications. Method of Instruction: C Method of Delivery: F & X Campus: 1, 5, & 6 CIP: 143501 30 Char: Information System in IE Effective: Summer 2019

+Online/Distance	<u>GE 6513</u>	Approved	<b>GE 6513 Approval to Offer Online Campus 5 for Engineering Writing and Presenting.</b> Method of Instruction: B Method of Delivery: F & O Campus: 1, 5, & 6 Effective: Summer 2019
Addition +Online/Distance	<u>GE 8303</u>	Approved	<b>GE 8303 Introduction to Military Engineering.</b> (3). Three hours lecture. An introduction course on the history and development of military engineering. A background on the development of the missions associated with military engineering and how risks associated with military operations adapts or changes common engineering practices. Method of Instruction: C Method of Delivery: O & F Campus: 1 & 5 CIP: 140101 30 Char: Intro Military Engineering Effective: Summer 2019

## FOREST RESOURCES

Modification +Online/Distance	<u>SBP 1103</u>	Passed Contingent	<b>SBP 1103 Introduction to Sustainable Bioproducts.</b>
Modification	<u>SBP 2123</u>	Passed Contingent	<b>SBP 2123 Materials and Processing of Structural Bioproducts.</b>
Modification	<u>SBP 4123/6123</u>	Passed Contingent	<b>SBP 4123/6123 Lumber Manufacturing.</b>
Modification +Online/Distance (split level with SBP 4013)	<u>SBP 6013</u>	Passed Contingent	<b>SBP 4013/6013 Wood Anatomy.</b>
Modification (split level with SBP 4263)	<u>SBP 6263</u>	Passed Contingent	<b>SBP 4263/6263 Furniture Design and Fabrication.</b>
+Online/Distance (split level with SBP 4313)	<u>SBP 6313</u>	Passed Contingent	<b>SBP 4313/6313 Bioproducts and the Environment.</b>
Modification +Online/Distance (split level with SBP 4353)	<u>SBP 6353</u>	Passed Contingent	<b>SBP 4353/6353 Forest Products Marketing.</b>
Modification	<u>SBP 8111</u>	Passed Contingent	<b>SBP 8111 Research Seminar I.</b>
Modification	<u>SBP 8121</u>	Passed Contingent	<b>SBP 8121 Research Seminar II.</b>

Modification	<u>SBP 8123</u>	<b>Passed Contingent</b>	<b>SBP 8123 Advanced Lignocellulosic Biomass Chemistry.</b>
Modification +Online/Distance	<u>SBP 8133</u>	<b>Passed Contingent</b>	<b>SBP 8133 Environmental Issues in Sustainable Bioproducts.</b>
Modification	<u>SBP 8213</u>	<b>Passed Contingent</b>	<b>SBP 8213 Advanced Wood Mechanics.</b>

2. Program Proposals by college/school:

**ACADEMIC AFFAIRS**

Addition (Authorization to Plan & New Degree Proposal)	<b>Degree:</b> Ph.D. <b>Major:</b> Computational Biology	<b>Approved</b>	Approved by Graduate Council.  Forwarded to Provost and President before submission to IHL.
Addition (Authorization to Plan & New Degree Proposal)	<b>Degree:</b> MS <b>Major:</b> Computational Biology	<b>Approved</b>	Approved by Graduate Council.  Forwarded to Provost and President before submission to IHL.
Addition	<b>Degree:</b> Minor (Graduate) <b>Major:</b> Computational Biology	<b>Approved</b>	Approved by Graduate Council.  Effective: Spring 2020

**AGRICULTURE AND LIFE SCIENCES**

Addition	<b>Degree:</b> Certificate (Undergraduate) <b>Major:</b> Retail	<b>Passed Contingent</b>	
Modification	<b>Degree:</b> MS <b>Major:</b> Fashion Design & Merchandising <b>Concentrations:</b> Design & Product Development or Merchandising	<b>Approved</b>	Approved by Graduate Council.  See proposal for list of revisions.  Effective: Fall 2019
Technical Change	<b>Degree:</b> Minor <b>Major:</b> Agricultural Information Science <u>to</u> Agricultural Education, Leadership, and Communications	<b>Approved</b>	Revision of name of minor so it will match the name of the major.  Effective: Fall 2019

## BUSINESS

Modification	<b>Degree:</b> BBA <b>Major:</b> Marketing <b>Concentrations:</b> Supply Chain Management, Professional Golf Management, Integrated Digital Marketing	Approved	See proposal for list of revisions.  Effective Date: Fall 2019
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## EDUCATION

Modification	<b>Degree:</b> BS <b>Major:</b> Industrial Technology (Campus 1) <b>Concentrations:</b> Industrial Automation, Industrial Distribution, Manufacturing & Maintenance Management	Passed Contingent	
Modification	<b>Degree:</b> BS <b>Major:</b> Industrial Technology (Campus 5) <b>Concentrations:</b> Industrial Automation, Manufacturing & Maintenance Management	Passed Contingent	

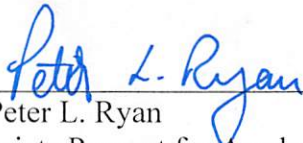
## ENGINEERING

Modification	<b>Degree:</b> Ph.D. <b>Major:</b> Engineering <b>Concentration:</b> Biological	Approved	Approved by Graduate Council. See proposal for list of revisions.  Effective: Spring 2020
Modification	<b>Degree:</b> BS <b>Major:</b> Industrial Engineering	Approved	See proposal for list of revisions.  Effective: Fall 2020

All of the proposals were approved with the exception of the following:  
Proposals\*\*

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 Dr. Peter L. Ryan  
 Associate Provost for Academic Affairs

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 Date May 20, 2019