

A MEMORANDUM

DATE: May 18, 2017
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 June 1, 2017 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

ACADEMIC AFFAIRS

<p>Addition FYE 1101</p>	<p>Approved</p>	<p>FYE 1101 Freshman Success Strategies I. (1). One hour lecture. Aids students in the transition from high school to college, providing information and experiences designed to help students succeed academically and socially, and progress toward graduation and fulfilling lives and careers. Method of Instruction: C Method of Delivery: F Campus: 1 CIP: 370000 30 Char: Freshman Success Strategies I Effective: Summer 2017</p>
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AGRICULTURE AND LIFE SCIENCES

<p>Addition ADS 3014</p>	<p>Passed Contingent</p>	<p>ADS 3014 Anatomy and Physiology</p>
<p>Technical Change ADS 4623/6623</p>	<p>Approved</p>	<p>FROM: ADS 4623/6623 Physiology of Lactation. (3). (Prerequisite: BIO 1344 and BIO 1144). Two hours lecture. Two hours laboratory. Anatomy, physiology, and pathology of the mammary gland; nervous and hormonal control of lactation, theories of milk secretion, modern methods of milking, factors affecting lactation. (Same as PHY 6623.) TO: ADS 4623/6623 Physiology of Lactation. (3). (Prerequisite: BIO 1134 or BIO 1144). Two hours lecture. Two hours laboratory. Anatomy, physiology, and pathology of the mammary gland; nervous and hormonal control of lactation, theories of milk secretion, modern methods of milking, factors affecting lactation. (Same as PHY 6623.) Effective: Summer 2017</p>
<p>+Distance FDM 3553</p>	<p>Approved</p>	<p>FDM 3353 Approval to Offer Online Campus 5 for Fashion Retailing. Method of Instruction: B Method of Delivery: F & O Campus: 1 & 5 Effective: Summer 2017</p>

Modification	FDM 4343/6343	Approved	<p>FROM: HS 4343/6343 Apparel Design II. (3). (Prerequisite: HS 1533 or consent). One hour lecture. Four hours laboratory. Advanced problems and techniques for clothing construction; creative expression through application of flat pattern design.</p> <p>TO: FDM 4343/6343 Pattern Making and Design. (3). (Prerequisite: FDM 1533 or consent). Two hours lecture. Two hours laboratory. Advanced problems and techniques for clothing construction and creative expression through application of drafting and flat pattern design techniques.</p> <p>Method of Instruction: B Method of Delivery: F Campus: 1 30 Char: Pattern Making and Design Effective: Summer 2017</p>
Addition +Distance	HDFS 3123	Passed Contingent	HDFS 3123 Global Child Advocacy Issues

ARTS AND SCIENCES

Addition	AN 3143	Approved	<p>AN 3143 Anthropology of the Middle East. (3). Three hours lecture. A survey of culture and society in the Middle East. Ethnographic accounts examine topics such as Islam, gender, identity, economics, politics, and the arts.</p> <p>Method of Instruction: C Method of Delivery: F Campus: 1 CIP: 450201 30 Char: Anth Middle East Effective: Summer 2017</p>
Addition	CO 4494	Approved	<p>CO 4494 Bulldog Online Newsroom. (4). (Prerequisites: C or better in CO 3443 and CO 4713). Two hours lecture/two hours lab. Capstone course designed to synthesize knowledge, values and skills acquired in Print & Digital Journalism Concentration. Students produce a portfolio and contribute content, editing and promotion via social media to course news website.</p> <p>Method of Instruction: B Method of Delivery: F Campus: 1 CIP: 090499 30 Char: Bulldog Online Newsroom Effective: Summer 2017</p>

Addition	<u>FLS 4843/6843</u>	Approved	FLS 4843/6843 Literary Masterpieces by an Emblematic Hispanic Author. (3). (Prerequisite: <u>FLS 3113</u>) Three hours lecture. A study of the major works by an influential and emblematic Hispanic author. Method of Instruction: C Method of Delivery: F Campus: 1 CIP: 160905 30 Char: Lit Masterpieces Hisp Author Effective: Summer 2017
+Distance	<u>GG 4523/6523</u>	Approved	GG 4523/6523 Approval to Offer Online Campus 5 for Coastal Environments. Method of Instruction: C Method of Delivery: F & O Campus: 1, 2 & 5 Effective: Summer 2017
Addition	<u>GG 4633/6633</u>	Approved	GG 4633/6633 Introduction to Geochemistry. (3). (Prerequisite: CH 1223, or consent of instructor). Three hours lecture. Survey of fundamental geochemical principles and methods. Learning in this course will be achieved by participation in analysis of published or unpublished datasets with further interpretation and application to the natural systems. Method of Instruction: C Method of Delivery: F Campus: 1 CIP: 400602 30 Char: Intro Geochem Effective: Summer 2017

Modification	<u>PH 4433/6433</u>	Approved	<p>FROM: PH 4433/6433 Computational Physics. (3). (Prerequisites: PH 3613 and MA 3253). Three hours lecture. An introduction to modern methods of computational physics including topics such as: solution [sic] of differential equations, numerical matrix methods, and Monte Carlo simulation.</p> <p>TO: PH 4433/6433 Computational Physics. (3). (Prerequisite: MA 3253, Co-requisite: PH 3613). Three hours lecture. An Introduction to modern methods of computational physics including topics such as solution of differential equations, numerical matrix methods, and Monte Carlo simulation.</p> <p>Method of Instruction: C Method of Delivery: F Campus: 1 & 2 CIP: 141201 30 Char: Computational Physics Effective: Summer 2017</p>
Modification	<u>PS 4403/6403</u>	Approved	<p>FROM: PS 4403/6403 Anc & Med Pol Theory. (3). (Prerequisites: <u>PS 1113</u> and junior standing). Three hours lecture. Political philosophy from Plato and Aristotle through the Middle Ages.</p> <p>TO: PS 4403/6403 Ancient Medieval Political Theory. (3). (Prerequisites: PS 1113 and junior standing). Three hours lecture. Political philosophy from Plato and Aristotle through the Middle Ages.</p> <p>Method of Instruction: C Method of Delivery: F Campus: 1 CIP: 451001 30 Char: Anc & Med Pol Theory Effective: Summer 2017</p>

Modification	<u>SO 4403/6403</u>	Approved	<p>FROM: SO 4403/6403 Sociology of Gender. (3). (Prerequisites: SO 1003, or approval of instructor). Three hours lecture. Changing character of gender and significance in various social institutions. Intersection between gender and other forms of inequality.</p> <p>TO: SO 4403/6403 Sociology of Gender and Sexuality. (3). (Prerequisites: SO 1003, or approval of instructor). Three hours lecture. Changing character of gender and sexuality and significance in various social institutions. Intersection between gender, sexuality and other forms of inequality.</p> <p>Method of Instruction: C Method of Delivery: F & O Campus: 1, 2 & 5 CIP: 451101 30 Char: Soc of Gender & Sexuality Effective: Summer 2017</p>
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BUSINESS

Modification +Distance	<u>ACC 2013</u>	Approved	<p>ACC 2013 Approval to Offer Online Campus 5 for Principles of Financial Accounting. Method of Instruction: C Method of Delivery: F & O Campus: 1 & 5 Effective: Summer 2017</p>
Addition	<u>ACC 3002</u>	Approved	<p>ACC 3002 Running the Numbers: Fundamentals of Financial and Managerial Accounting. (2). (Prerequisite: Admission to MVP). Introduction to financial and managerial accounting concepts essential for interpreting accounting reports produced and analyzed with new entrepreneurial opportunities. Method of Instruction: B Method of Delivery: F Campus: 1 CIP: 520305 30 Char: Accounting Essentials Effective: Summer 2017</p>

Addition	BL 3001	Approved	<p>BL 3001 Innovation Law: You Don't Look Good in Stripes. (1). (Prerequisite: Admission to MVP). An introduction to specific legal missteps that entrepreneurs must consider during the startup process. Topics include basic business law concepts and a working knowledge of how to converse with transactional lawyers.</p> <p>Method of Instruction: C Method of Delivery: F Campus: 1 CIP: 220101 30 Char: Innovation Law Effective: Summer 2017</p>
Addition	BQA 2001	Approved	<p>BQA 2001 Business Informatics. (1). (Prerequisite: Admission to MVP). The class will focus on processing data to help inform and frame business decisions. Topics will include data formatting, model design, basic data management, and simple forecasting techniques. Emphasis will be placed on interpreting the results for a business.</p> <p>Method of Instruction: C Method of Delivery: F Campus: 1 CIP: 521302 30 Char: Business Informatics Effective: Summer 2017</p>
Addition	MGT 1011	Approved	<p>MGT 1011 Ideation. (1). (Prerequisite: Admission to MVP). This is a course on discovery. Students will explore a variety of critical challenges surrounding the entrepreneur's ability to recognize and develop new ideas.</p> <p>Method of Instruction: C Method of Delivery: F Campus: 1 CIP: 520701 30 Char: Ideation Effective: Summer 2017</p>
Addition	MGT 1021	Approved	<p>MGT 1021 Strategic Thinking. (1). (Prerequisite: Admission to MVP). An introduction to company missions, core values and strategies. Emphasis is placed on the role of strategy in the formation of new business ventures.</p> <p>Method of Instruction: C Method of Delivery: F Campus: 1 CIP: 520305 30 Char: Strategic Thinking Effective: Summer 2017</p>

Addition	MGT 4001	Approved	MGT 4001 Leadership: Building a C-Suite. (1). (Prerequisite: Admission to MVP). An introduction to teambuilding. This course examines methods of building a dream-team at the helm of new companies. The course includes personal assessment tools designed to help understand dominant behavioral traits. Method of Instruction: C Method of Delivery: F Campus: 1 CIP: 520305 30 Char: Leadership: Building a C-Suite Effective: Summer 2017
Addition	MKT 2001	Approved	MKT 2001 Tactical and Strategic Customer Analysis. (1). (Prerequisite: Admission to MVP). An introduction to the methodologies utilized in researching and building a strong understanding of customer development. Emphasis will be placed on the value proposition. Method of Instruction: C Method of Delivery: F Campus: 1 CIP: 090903 30 Char: Tact and Strat Customer Analy Effective: Summer 2017

EDUCATION

Modification	CCL 8123	Approved	CCL 8123 Approval to Offer Online Method of Delivery to Community College Finance. Method of Delivery: O Effective: Summer 2017
Modification	CCL 8233	Approved	CCL 8233 Approval to Offer Online Method of Delivery to Community College Legal Issues. Method of Delivery: O Effective: Summer 2017
Modification	CCL 8333	Approved	CCL 8333 Approval to Offer Online Method of Delivery to Community College Administration. Method of Delivery: O Effective: Summer 2017
Addition +Distance	EDE 2521	Passed Contingent	EDE 2521 Introduction to Elementary Education

<p>Addition +Maymester</p> <p>EDE 4333</p>	<p>Approved</p>	<p>EDE 4333 International Exploration in Education. (3). This course involves the examination of the education systems outside of the U.S., with particular attention to classrooms in the host country. (Same as EDS/EDX 4333). Method of Instruction: A Method of Delivery: F Campus: 8 CIP: 130301 30 Char: International Exp in Education Effective: Summer 2017</p>
<p>Addition +Maymester</p> <p>EDS 4333</p>	<p>Approved</p>	<p>EDS 4333 International Exploration in Education. (3). This course involves the examination of the education systems outside of the U.S., with particular attention to classrooms in the host country. (Same as EDE/EDX 4333). Method of Instruction: A Method of Delivery: F Campus: 8 CIP: 130301 30 Char: International Exp in Education Effective: Summer 2017</p>
<p>Addition +Maymester</p> <p>EDX 4333</p>	<p>Approved</p>	<p>EDX 4333 International Exploration in Education. (3). This course involves the examination of the education systems outside of the U.S., with particular attention to classrooms in the host country. (Same as EDE/EDS 4333). Method of Instruction: A Method of Delivery: F Campus: 8 CIP: 130301 30 Char: International Exp in Education Effective: Summer 2017</p>
<p>Addition</p> <p>LSK 1112</p>	<p>Approved</p>	<p>LSK 1112 Academic Learning Strategies for English. (2). Two hours lecture. (Restrictions: Students who have not enrolled in or received credit for EN 1103). Academic Learning Strategies for English is designed for students who would benefit from strengthening basic writing skills to take in conjunction with EN 0103 (Basic English). Method of Instruction: C Method of Delivery: F Campus: 1 CIP: 130301 30 Char: Strategies for English Effective: Summer 2017</p>

Addition +Gen Ed	MU 1163	Approved	<p>MU 1163 Introduction to Music in Film. (3). Three hours lecture. A survey of music in motion picture media, the roles it has played from the silent to contemporary eras, and the cultures and people that produced it. Method of Instruction: C Method of Delivery: F Campus: 1 CIP: 500902 30 Char: Introduction to Music in Film General Educ: Fine Arts Effective: Summer 2017</p>
Modification +Distance	TKI 1203	Approved	<p>FROM: TKI 1203 Industrial Communications. (3). Two hours lecture. Two hours laboratory. The use of drawings to communicate ideas of manufacturing and maintenance in machining, electricity/electronics, welding, and hydraulics/pneumatics TO: TKI 1203 Industrial Communications. (3). Three hours lecture. The use of drawings to communicate ideas of manufacturing and maintenance in machining, electricity/electronics, welding, and hydraulics/pneumatics. Method of Instruction: C Method of Delivery: F & O Campus: 1 & 5 CIP: 150612 30 Char: Industrial Communication Effective: Summer 2017</p>
Modification +Distance	TKI 1814	Approved	<p>TKI 1814 Approval to Offer Online Campus 5 for Basic Industrial Electricity and Electronics. Method of Instruction: B Method of Delivery: F & X Campus: 1 & 5 Effective: Summer 2017</p>
Modification +Distance	TKI 2113	Approved	<p>TKI 2113 Approval to Offer Online Campus 5 for Introduction to PLC Programming. Method of Instruction: C Method of Delivery: F & O Campus: 1 & 5 Effective: Summer 2017</p>
Modification +Distance	TKI 2123	Approved	<p>TKI 2123 Approval to Offer Online Campus 5 for Introduction to CNC Programming. Method of Instruction: B Method of Delivery: F & X Campus: 1 & 5 Effective: Summer 2017</p>

<p>Modification +Distance</p> <p>TKI 2323</p>	<p>Approved</p>	<p>FROM: TKI 2323 Forging, Welding and Foundry. (3). Six hours laboratory. Practice in hand forging, annealing, hardening and tempering of tool steel; casting, gas and plasma arc cutting.</p> <p>TO: TKI 2323 Welding Technology. (3). Two hours lecture. Two hours laboratory. The use of welding and cutting technology in industry including gas, electric, and wire feed welding and plasma arc cutting.</p> <p>Method of Instruction: B Method of Delivery: C & X Campus: 1 & 5 CIP: 150614 30 Char: Welding Tech Effective: Summer 2017</p>
<p>Modification</p> <p>TKI 3044</p>	<p>Approved</p>	<p>FROM: TKI 3044 Industrial Safety. (4). (Prerequisite: Junior Standing). Four hours lecture. Principles and procedures relating to appraisal, organization and administration of safety programs in industrial plants including implementation of occupational safety and health legislation.</p> <p>TO: TKI 3044 Industrial Safety. (4). Four hours lecture. Principles and procedures relating to appraisal, organization and administration of safety programs in industrial plants including implementation of occupational safety and health legislation.</p> <p>Campus: 1 & 5 Effective: Summer 2017</p>
<p>Modification</p> <p>TKI 3063</p>	<p>Approved</p>	<p>FROM: TKI 3063 Industrial Human Relations. (3). (Prerequisite: Junior standing). Three hours lecture. The application of psychological principles to teacher-pupil relationships, employer-employee relationships, and other human relationships in business and industry.</p> <p>TO: TKI 3063 Industrial Human Relations. (3). Three hours lecture. The application of psychological principles to teacher-pupil relationships, employer-employee relationships, and other human relationships in business and industry.</p> <p>Campus: 1 & 5 Effective: Summer 2017</p>

Modification +Distance	TKI 3104	Approved	<p>TKI 3104 Advanced Industrial Electricity and Electronics. Method of Instruction: B Method of Delivery: F & X Campus: 1 & 5 Effective: Summer 2017</p>
Modification +Distance	TKI 3223	Approved	<p>FROM: TKI 3224 Industrial Materials Technology. (4). (Prerequisite: CH 1043 or higher & Junior Standing). Three hours lecture, two hours laboratory. An investigation of the mechanical/characteristic properties of industrial materials including wood, polymers and composites. The influence of these properties on manufacturing and product service requirements.</p> <p>TO: TKI 3223 Industrial Materials. (3). (Prerequisite: CH 1043 or higher). Two hours lecture, two hours laboratory. An investigation of the mechanical/characteristic properties of industrial materials including wood, polymers and composites. The influence of these properties on manufacturing and product service requirements.</p> <p>Method of Instruction: B Method of Delivery: F & X Campus: 1 & 5 CIP: 150612 30 Char: Ind Materials Effective: Summer 2017</p>
Modification +Distance	TKI 3243	Approved	<p>FROM: TKI 3243 Industrial Metrology. (3). (Prerequisite: TKI 2123). Two hours lecture. Two hours laboratory. Study of fundamental and advanced methods employed for measurement in industry.</p> <p>TO: TKI 3243 Industrial Metrology. (3). (Prerequisite: TKI 2123 & BQA 2113). Three hours lecture. Study of fundamental and advanced methods employed for measurement in industry.</p> <p>Method of Instruction: C Method of Delivery: F & O Campus: 1 & 5 CIP: 150612 30 Char: Industrial Metrology Effective: Summer 2017</p>

<p>Modification +Distance</p>	<p><u>TKI 3343</u></p>	<p>Approved</p> <p>FROM: TKI 3343 CAD/CAM. (3). (Prerequisite: TKI 2123). Two hours lecture. Two hours laboratory. Basic to intermediate drafting and design techniques using CAD and CAM software, with special emphasis placed on tolerancing, dimensioning and manufacturing processing routes and selection.</p> <p>TO: TKI 3343 CAD/CAM. (3). (Prerequisite: TKI 2123). Three hours lecture. Basic to intermediate drafting and design techniques using CAD and CAM software, with special emphasis placed on tolerancing, dimensioning and manufacturing processing routes and selection.</p> <p>Method of Instruction: C Method of Delivery: F & O Campus: 1 & 5 CIP: 150612 30 Char: CAD/CAM Effective: Summer 2017</p>
<p>Modification +Distance</p>	<p><u>TKI 3363</u></p>	<p>Approved</p> <p>FROM: TKI 3363 Motion and Time Study. (3). (Prerequisite: TKI 3353 & Junior Standing). Two hours lecture. Two hour [sic] laboratory [sic]. A study of the techniques for analysis of production systems, the design of work stations, and the development of time standards.</p> <p>TO: TKI 3363 Motion and Time Study. (3). (Prerequisite: Junior Standing). Two hours lecture. Two hours laboratory. A study of the techniques for analysis of production systems, the design of work stations, and the development of time standards.</p> <p>Method of Delivery: F & X Campus: 1 & 5 Effective: Summer 2017</p>

<p>Modification +Distance</p> <p>TKI 3373</p>	<p>Approved</p>	<p>FROM: TKI 3353 Forecasting and Cost Modeling. (3). (Prerequisite: BQA 2113). Two hours lecture. Two hours laboratory. Use of the higher functions of spreadsheet software to undertake costing of manufacturing process routes and to forecast changes in manufacturing scenarios.</p> <p>TO: TKI 3373 Forecasting and Cost Modeling. (3). (Prerequisite: BQA 2113 & TKI 3363). Three hours lecture. Use of the higher functions of spreadsheet software to undertake costing of manufacturing process routes and to forecast changes in manufacturing scenarios.</p> <p>Method of Instruction: C Method of Delivery: F & O Campus: 1 & 5 CIP: 150612 30 Char: Forecasting and Cost Modeling Effective: Summer 2017</p>
<p>Modification +Distance</p> <p>TKI 3683</p>	<p>Approved</p>	<p>FROM: TKI 3183 Machine Metal Processing. (3). ((Prerequisite: TKI 2123 and Junior Standing). Six hours laboratory. Machine tool (drill, grinder lathe, mill and shaper) operations; bench metals, precision measurements, calculations, and chipless machining; project construction.</p> <p>TKI 3683 CNC Machining Processes. (3). (Prerequisite: TKI 3343). Two hours lecture, two hours laboratory. The programming and operation of industrial CNC machine tools, their associated tooling and work holding devices and CAM systems.</p> <p>Method of Instruction: B Method of Delivery: F & O Campus: 1 & 5 CIP: 150611 30 Char: CNC Machining Processes Effective: Summer 2017</p>
<p>Addition +Distance</p> <p>TKI 3813</p>	<p>Approved</p>	<p>TKI 3813 Writing for Industry. (3). (Prerequisites: Junior Standing). Three Hours Lecture. The creation of work instructions, manuals, requests for proposals, presentations, justification for equipment, and professional and personal written communications, using different communication media.</p> <p>Method of Instruction: C Method of Delivery: F & O Campus: 1 & 5 CIP: 150613 30 Char: Writing for Industry Effective: Summer 2017</p>

<p>Modification +Distance</p> <p>TKI 4103</p>	<p>Approved</p>	<p>TKI 4103 Industrial Control Systems. (3). (Prerequisite: TKI 3104). One hour lecture. Four hours laboratory. Application of basic and advanced industrial electronic principles to industrial control systems and processes.</p> <p>TKI 4103 Industrial Control Systems. (3). (Prerequisite: TKI 3104) Two hours lecture. Two hours laboratory. Application of basic and advanced industrial electronic principles to industrial control systems and processes.</p> <p>Method of Instruction: B Method of Delivery: F & O Campus: 1 & 5 CIP: 150612 30 Character: Industrial Cntrl Sys Effective: Summer 2017</p>
<p>Modification +Distance</p> <p>TKI 4113</p>	<p>Approved</p>	<p>FROM: TKI 4113 Industrial Fluid Power. (3). (Prerequisites: PH 1013 or higher & Junior Standing). One hour lecture. Four hours laboratory. A practical study of fluid power concepts, components, and systems as it relates to modern industrial applications and to appropriate scientific principles. Hands on laboratory activities.</p> <p>TO: TKI 4113 Industrial Fluid Power. (3). (Prerequisites: PH 1023 or higher). Two hours lecture. Two hours laboratory. A practical study of fluid power concepts, components, and systems as it relates to modern industrial applications and to appropriate scientific principles. Hands-on laboratory activities are included in this study.</p> <p>Method of Instruction: C Method of Delivery: F & X Campus: 1 & 5 CIP: 150612 30 Char: Indust Fluid Power Effective: Summer 2017</p>
<p>Modification +Distance</p> <p>TKI 4203/6203</p>	<p>Approved</p>	<p>Approval to Offer Online Campus 5 for TKI 4203/6203 Automated Systems.</p> <p>Method of Instruction: C Method of Delivery: F & X Campus: 1 & 5 Effective: Summer 2017</p>

<p>Modification +Distance</p> <p><u>TKI 4213</u></p>	<p>Approved</p>	<p>FROM: TKI 4213 Survey of Energy Sources and Power Technology. (3). (Prerequisite: Three semester hours physical science or other physics and Junior standing). Three hours lecture. Scientific and applied approaches to energy conversion, transmission, utilization, and conservation. Internal-external combustion, nuclear, fluid, hydroelectric, solar, etc. Current energy problems; lab demonstrations; activities.</p> <p>TO: TKI 4213 Survey of Energy Sources and Power Technology. (3). (Prerequisite: PH 1023 or higher and Junior Standing). Three hours lecture. Scientific and applied approaches to energy conversion, transmission, utilization, and conservation. Internal-external combustion, nuclear, fluid, hydroelectric, solar, etc. Current energy problems; lab demonstrations; activities.</p> <p>Method of Instruction: C Method of Delivery: F & O Campus: 1 & 5 CIP: 150505 30 Char: Energy Source & Power Effective: Summer 2017</p>
<p>Modification</p> <p><u>TKI 4224/6224</u></p>	<p>Approved</p>	<p>FROM: TKI 4224/6224 Quality Assurance. (4). (Prerequisite: BQA 2113 and Junior Standing and Junior Standing). Four hours lecture. Concepts and procedures to design, plan, assure and audit quality and quality systems, with an introduction to Six Sigma and and [sic] experimental design.</p> <p>TO: TKI 4224/6224 Quality Assurance. (4). (Prerequisites: TKI 3373 & Junior Standing). Four hours lecture. Concepts and procedures to design, plan, assure and audit quality and quality systems, with an introduction to Six Sigma and experimental design.</p> <p>Method of Instruction: C Method of Delivery: F & O Campus: 1 & 5 CIP: 150612 30 Char: Quality Assurance Effective: Summer 2017</p>

<p>Modification +Distance</p> <p>TKI 4233/6233</p>	<p>Approved</p>	<p>FROM: TKI 4233/6233 Maintenance Management. (3). (Senior Standing). Three hours lecture. Understanding of the concepts and practices of Total Productive Maintenance Management, to give a proactive production maintenance strategy for the future.</p> <p>TO: TKI 4233/6233 Maintenance Management. (3). (Junior Standing). Three hours lecture. Understanding of the concepts and practices of Total Productive Maintenance Management, to give a proactive production maintenance strategy for the future.</p> <p>Method of Instruction: C Method of Delivery: F & O Campus: 1 & 5 CIP: 150612 30 Char: Maintenance Mgt Effective: Summer 2017</p>
<p>Modification</p> <p>TKI 4263/6263</p>	<p>Approved</p>	<p>FROM: TKI 4263/6263 Manufacturing Technology and Processing. (3). (Senior Standing). Three hours hour lecture. Discussion and appreciation of manufacturing processes with regard to material processing.</p> <p>TO: TKI 4263/6263 Manufacturing Technology and Processing. (3). (Prerequisite: Junior standing). Three hours lecture. Discussion and appreciation of manufacturing processes with regard to material processing.</p> <p>Method of Instruction: C Method of Delivery: F & O Campus: 1 & 5 CIP: 150613 30 Char: Mfg Tech & Proc Effective: Summer 2017</p>
<p>Modification +Distance</p> <p>TKI 4303/6303</p>	<p>Approved</p>	<p>FROM: TKI 4303/6303 Industrial Robotics. (3). (Prerequisite: TKI 3104). Two hours lecture. Two hours laboratory. A study of industrial robotics and applications for production supervisors.</p> <p>TO: TKI 4303/6303 Industrial Robotics. (3). (Prerequisite: TKI 4103) Two hours lecture. Two hours laboratory. A study of industrial robotics and applications for production supervisors.</p> <p>Method of Instruction: B Method of Delivery: F & X Campus: 1 & 5 CIP: 150405 30 Char: Industrial Robotics Effective: Summer 2017</p>

Addition +Distance	TKI 4343	Approved	TKI 4343 CAD/CAM II. (3). (Prerequisite: TKI 3343). Three hours lecture. Advanced drafting and design techniques using CAD/CAM software, with special emphasis placed on design of gears, motion analysis, and animation of products. Method of Instruction: C Method of Delivery: F & O Campus: 1 & 5 CIP: 150613 30 Char: CAD/CAM II Effective: Summer 2017
Addition +Distance	TKI 4373	Approved	TKI 4373 Lean Six Sigma. (3). (Prerequisites: TKI 4224). Three hours lecture. Discussion and applications of Six Sigma within the lean manufacturing environment, to increase quality and reduce costs, to make manufacturers more competitive. Method of Instruction: C Method of Delivery: F & O Campus: 1 & 5 CIP: 150613 30 Char: Lean Six Sigma Effective: Summer 2017
Addition +Distance	TKI 4403	Approved	TKI 4403 Automated Systems II. (3). (Prerequisite: TKI 4203). Two hours lecture. Two hours laboratory. An advanced study of automated systems and applications for the Industrial Technologist. Method of Instruction: C Method of Delivery: F & X Campus: 1 & 5 CIP: 150613 30 Char: Automated Systems II Effective: Summer 2017
Deletion	TKI 4413/6413	Approved	TKI 4413/6413 Evolution of Technology. Effective: Summer 2017
Addition +Distance	TKI 4463	Approved	TKI 4463 Manufacturing Technology Processes II. (3). (Prerequisite: TKI 4263). Three hours lecture. Discussion and appreciation of manufacturing processes with regard to material processing, including machining and automated and computer-aided manufacturing. Method of Instruction: C Method of Delivery: F & O Campus: 1 & 5 CIP: 150613 30 Char: Mfg Tech & Proc II Effective: Summer 2017

Addition +Distance	TKI 4801	Approved	TKI 4801 Senior Seminar. (1). (Prerequisites: Senior and Graduating Semester). One hour seminar. The issues that face the new technologist entering the workforce, and how to overcome them. Method of Instruction: S Method of Delivery: F & O Campus: 1 & 5 CIP: 150613 30 Char: Senior Seminar Effective: Summer 2017
Modification +Maymester Deletion of Distance	TKT 3463	Passed Contingent	TKT 3463 Computer Repair and Maintenance
Modification	TKT 8763	Approved	FROM: TKT 8763 Seminar in Planning for Instructional Technology. (3). Three hours lecture. An analytical study of techniques and strategies contributing to the establishment and effective operation of functional instructional technology. TO: TKT 8763 Strategic Technology Planning for Teachers and Administrators. (3). Three hours lecture. This course will provide teachers and administrators with the theoretical and practical considerations for strategic planning and implementing technology in schools and school districts. Method of Instruction: C Method of Delivery: F & O Campus: 1 & 5 CIP: 110301 30 Char: Strateg Tech Plan Teach/Admin Effective: Summer 2017

<p>Modification +Distance</p> <p>TKT 8833</p>	<p>Approved</p>	<p>FROM: TKT 8833 Design and Implementation of Data Networks. (3). Three hours lecture. This course explores the design and implementation of data networking systems that are appropriate for instructional and research environments.</p> <p>TO: TKT 8833 Design and Implementation of Data Networks. (3). Three hours lecture. Designed to provide students with applicable knowledge and skills to identify major tasks in building and maintaining networking hardware and system software components, and troubleshooting common system problems.</p> <p>Method of Instruction: C Method of Delivery: F & O Campus: 1 & 5 CIP: 110401 30 Char: Data Networks Effective: Summer 2017</p>
<p>Addition +Distance</p> <p>TKT 8863</p>	<p>Approved</p>	<p>TKT 8863 Grant Writing Essentials. (3). Three hours lecture. An introduction to the basic skills, principles, and techniques of successful grant writing.</p> <p>Method of Instruction: C Method of Delivery: F & O Campus: 1 & 5 CIP: 131309 30 Char: Grant Writing Essentials Effective: Summer 2017</p>
<p>Addition +Distance</p> <p>TKT 8873</p>	<p>Approved</p>	<p>TKT 8873 Communication Tools in Technology for Teachers & Administrators. (3). Three hours lecture. This course provides a comprehensive view of communication, its scope and importance for educators, with regard to written and oral communication in the digital-age workplace.</p> <p>Method of Instruction: C Method of Delivery: F & O Campus: 1 & 5 CIP: 131309 30 Char: Comm Tools in Techn for Teach Effective: Summer 2017</p>

Addition +Distance	TKT 9913	Approved	TKT 9913 Dissertation Seminar. (3). Three hours seminar. Designed to assist students complete dissertation research successfully. Maybe taken in lieu of TKT 9000 Dissertation Research up to six hours. Method of Instruction: S Method of Delivery: F & O Campus: 1 & 5 CIP: 131309 30 Char: Dissertation Seminar Effective: Summer 2017
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ENGINEERING

Addition +Distance	CE 4483/6483	Approved	CE 4483/6483 Geosynthetics. (3). (Prerequisite: Grade of C or better in CE 3413 or equivalent). Three hour lecture. Understand the behavior of the different types of geosynthetic materials, proper design-by-function and selection of the right material for its intended applications. Method of Instruction: 1 & 5 Method of Delivery: F & O Campus: 1 & 5 CIP: 140801 30 Char: Geosynthetics Effective: Summer 2017
Modification	ECE 3413	Approved	FROM: ECE 3413 Introduction to Electronic Circuits. (3). (Prerequisites: Grade of C or better in both MA 1723 and PH 2223). Three hours lecture. Fundamentals of electric circuits and network analysis. Transient analysis and frequency response of networks. Introduction to operational amplifiers. AC power. TO: ECE 3413 Introduction to Electronic Circuits. (3). (Prerequisites: Grade of C or better in both MA 1723 and PH 2223). Three hours lecture. Fundamentals of electric circuits and network analysis. DC and AC circuits. AC power. Ideal transformers. Frequency response of networks. Ideal operational amplifiers and circuits. Effective: Summer 2017

Modification	<u>ECE 3424</u>	Approved	<p>FROM: ECE 3424 Intermediate Electronic Circuits. (4). (Prerequisites: Grade of C or better in ECE 3413 and credit or registration in MA 3253). Three hours lecture. Three hours laboratory. Operation circuit models and application of diodes and field-effect and bipolar junction transistors. Electronic instrumentation. Foundations of electrical communications systems.</p> <p>TO: ECE 3424 Intermediate Electronic Circuits. (4). (Prerequisites: Grade of C or better in both ECE 3413 and MA 3253). Three hours lecture. Three hours laboratory. First-order and second-order transient analysis. Operation circuit models and application of diodes and field-effect and bipolar junction transistors. Electronic instrumentation. Effective: Summer 2017</p>
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FOREST RESOURCES

Addition	<u>CFR 1001</u>	Passed Contingent	CFR 1001 Amb. Leadership Development
Technical Change	<u>FO 4343/6343</u>	Approved	<p>FROM: FO 4343/6343 Forest Administration and Organization. (3). Three hours lecture. Hierarchy and land structuring of forest organizations. Legal aspects of administering forest land holdings.</p> <p>TO: FO 4343/6343 Forest Administration and Organization. (3). (Prerequisite: Junior standing or instructor consent). Three hours lecture. Hierarchy and land structuring of forest organizations. Legal aspects of administering forest land holdings. Effective: Summer 2017</p>

Modification	FO 8443	Approved	<p>FROM: FO 6443 International Forest Resources and Trade. (3). (Prerequisite: consent of instructor). Three hours lecture. A study of the world's wood consumption, marketing arrangements, community forestry, and forestry in economic development.</p> <p>TO: FO 8443 International Forest Resources and Trade. (3). (Prerequisite: consent of instructor). Three hours lecture. A study of the world's wood consumption, marketing arrangements, dynamics of deforestation, agroforestry and community forestry, country specific forestry issues, and forestry in economic development.</p> <p>Method of Instruction: C Method of Delivery: F & O Campus: 1 & 5 CIP: 030511 30 Char: Int'l For Res & Trad Effective: Summer 2017</p>
+Maymester	WFA 4223/6223	Passed Contingent	WFA 4223/6223 Wildlife Plant Identification

VETERINARY SCIENCE

Addition	CVM 4905/6905	Approved	<p>CVM 4905/6905 Pre-Uganda Study Abroad. (5). Five hours lecture. This course addresses several topics over the spring semester aimed at preparing students for the CVM 5906 and CVM 4906/6906 Tropical Veterinary Medicine and One Health summer study abroad In Uganda course.</p> <p>Method of Instruction: C Method of Delivery: F Campus: 1 CIP: 340199 30 Char: Pre-Uganda Study Abroad Effective: Summer 2017</p>
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Addition	<u>CVM 4906/6906</u>	Approved	CVM 4906-6906 Tropical Veterinary Medicine and One Health. (6). Six hours study abroad. This course covers Tropical Veterinary Medicine (TVM) in Uganda including; Tropical Animal production, Animal Health, Disease Surveillance, Public Health systems and Food safety of Animal Products. Additionally, the course covers One Health perspectives of the TVM and cultural emersion. Method of Instruction: A Method of Delivery: F Campus: 8 CIP: 340199 30 Char: Tropical Vet Med & One Health Effective: Summer 2017
Modification	<u>VS 3014</u>	Passed Contingent	VS 3014 Anatomy and Physiology

2. Program Proposals by college/school:

AGRICULTURE AND LIFE SCIENCES

Modification	Degree: BS Major: Human Development and Family Science Concentrations: Child Development, Child Life, Youth Development, Family Science, FCS Teacher Education	Approved	Added requirement that students must complete a background check their first semester in the HDFS program. Effective: Fall 2017
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BUSINESS

Modification	Degree: MPA Major: Accounting	Approved	Approved by Graduate Council Effective: Fall 2017
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EDUCATION

Modification	Degree: BS Major: Elementary Education Concentrations: Early Childhood; Middle School	Passed Contingent	
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+Distance	Degree: MS Major: Educational Leadership Concentration: School Administration	Approved	Approved by Graduate Council Forwarded to Provost and President before submission to IHL
Modification	Degree: MS Major: Secondary Education	Approved	Approved by Graduate Council Effective: Fall 2017
Modification	Degree: MS Major: Technology Concentrations: Endorsements; Technology Facilitator/Administrator, Improving Technology Using Technology	Approved	Approved by Graduate Council Effective: Fall 2017
+Distance	Degree: MS Major: Technology Concentrations: Endorsements; Technology Facilitator/Administrator; Improving Technology Using Technology	Approved	Approved by Graduate Council Forwarded to Provost and President before submission to IHL
Modification	Degree: BS Major: Industrial Technology Concentrations: Industrial Automation; Industrial Distribution; Manufacturing & Maintenance Management	Approved	See proposal for a list of revisions Effective: Fall 2017
+Distance	Degree: BS Major: Industrial Technology Concentrations: Industrial Automation; Manufacturing & Maintenance Management	Approved	Forwarded to Provost and President before submission to IHL
Modification	Degree: Ph.D. Major: Kinesiology Concentrations: Exercise Science; Sport Studies	Approved	Approved by Graduate Council Effective: Fall 2017

Modification	Degree: MS Major: Kinesiology Concentrations: Exercise Physiology; Sport Pedagogy; Sport Administration; Disability Studies	Approved	Approved by Graduate Council Effective: Fall 2017
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FORESTRY RESOURCES

Modification	Degree: BS Major: Wildlife, Fisheries & Aquaculture Concentrations: Wildlife, Fisheries & Aquaculture Science; Wildlife Pre-Veterinary Medicine; Wildlife Veterinary Medicine; Wildlife Agriculture; Human Wildlife Conflicts	Passed Contingent	
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VETERINARY MEDICINE

Modification	Degree: Ph.D. Major: Veterinary Medical Science	Approved	Forwarded to Graduate Council
Modification	Degree: MS Major: Veterinary Medical Science	Approved	Forwarded to Graduate Council

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

Peter L. Ryan

Dr. Peter L. Ryan
Associate Provost for Academic Affairs

May 31st, 2017
Date ✓