

**UNDERGRADUATE CURRICULUM COMMITTEE
ACADEMIC AFFAIRS CONFERENCE ROOM
February 28, 2013**

I. CALL TO ORDER

Chair John White called the meeting to order at 3:46 p.m.

Members present were: Janet Applin, *John Baker, *Kristi Branham, *Mark Ciampa, *Ismail Civelek, Ken Crawford, *Barbara Fiehn, *Scott Grubbs, Danita Kelley, *J. Dusteen Knotts, *Grace Lartey, Andrew McMichael, Marleen Murphy (for Freida Eggleton), *Jonghee Shim, *Tammy Van Dyken, *John White.

*Indicates voting members.

II. APPROVAL of January 31, 2013 MINUTES

Chair White called for revisions and/or corrections to the minutes of the January 31, 2013, UCC meeting. The minutes were approved as submitted.

III. Old Business

Scott Grubbs moved approval of the following **proposal to create a new course from the Department of Engineering:**

Course Title:	CE 301 Field Experience in Floodplain Management
Abbr. Course Title:	Field Exp Floodplain Mgmt
Credit Hours:	3.0 hrs.
Prerequisite:	Junior standing
Catalog Listing:	Field study and mitigation techniques for river flooding, karst flooding, flash flooding, alluvial fan flooding, tropical storms or a combination of these. Course involves travel.
Implementation:	Fall 2013

See revised proposal for revisions.
Ken Crawford seconded the motion. The motion carried.

Scott Grubbs moved approval of the following **proposals to create new courses from the Department of Engineering:**

Course Title:	ME 332 Fluid Mechanics Laboratory
Abbr. Course Title:	Fluid Mechanics Laboratory
Credit Hours:	1.0 hrs.
Corequisite:	ME 330
Catalog Listing:	An applied laboratory in the modeling, prediction, and measurement of fluid mechanics components and systems, with emphasis on the preparation of engineering reports, uncertainty analysis, and the experimental design plan process. System level experiments include fluid property measurements, pipe flow and turbomachinery characteristics.
Implementation:	Spring 2014

**See revised proposal for revisions.*

Course Title: ME 333 Heat Transfer Laboratory
Abbr. Course Title: Heat Transfer Laboratory
Credit Hours: 1.0 hrs.
Corequisite: ME 325
Catalog Listing: An applied laboratory in the modeling, prediction, and measurement of fluid mechanics components and systems, with emphasis on the preparation of engineering reports, uncertainty analysis, and the experimental design plan process. System level experiments include heat transfer measurements and heat transfer component characteristics.
Implementation: Spring 2014
**See revised proposal for revisions.*
Grace Lartey seconded the motion. The motion carried.

Mark Ciampa moved approval of the following **proposal to make multiple revisions to a course from the Department of Engineering:**

Course Title: ME 176 Mechanical Engineering Freshman Design
Credit Hours: 1.0 hrs.
Current Prerequisite: For transfer or change of major students who have earned at least 24 semester hours of credit or have completed a course equivalent to the basic topics of the generic WKU University Experience
Proposed Prerequisite: MATH 116 or higher
Current Catalog Listing: An introduction to Mechanical Engineering. The design process and basic professional tools are introduced through multiple projects. A replacement for ME 175 for transfer or change of major students. Permission of instructor only. Course Fee
Proposed Catalog Listing: An introduction to Mechanical Engineering. The design process and basic professional tools are introduced through multiple projects. Course fee.
Implementation: Fall *2013
**Friendly amendment.*
Scott Grubbs seconded the motion. The motion carried.

Scott Grubbs moved approval of the following **proposal to revise a program from the Department of Engineering:**

Program Title: Minor in Floodplain Management
Reference Number: 361
Required Hours: 22 hrs.
Identification: Changes include adding courses to the list of electives and changing one required course.
Effective Catalog Year: Fall 2013
See revised proposal for revisions.
Ken Crawford seconded the motion. The motion carried.

Scott Grubbs moved approval of the following **proposal to revise a program from the Department of Engineering:**

Program Title: Mechanical Engineering
Reference Number: 543
Required Hours: 60.5 hrs.

Identification:

Courses and Curriculum

- Remove the option of ME 175 or 176 and replace with ME 176 only
- Replace existing chemistry sequence CHEM 120/121 with the sequences CHEM 116/106 or 120/121
- Replace the existing required mathematics elective with a mathematics/science elective chosen from a list, with a required minimum of 32 hours of mathematics and science beginning with MATH 136
- Replace the required electrical engineering course EE 350 with EE 210
- Delete the currently required courses ME 285 and ME 416 from the program
- Replace the required ME 321 with an additional technical elective for a total of four
- Replace the two upper division lab courses ME 440/445 with new labs ME 332/333

Credit Hours: Program required technical course hours change from 68 hours to 60.5 hours. Other required mathematics and science hours will change from a fixed 33 hours to a minimum of 32 hours. Students are required to satisfy the WKU General Education requirements.

Program Academic Policy

Revision of Program Academic Standards: Removing HIST 119/120 from the Pre-Major requirements. Addition of EM 221, MATH 237, and PHYS 265/266 to the list of required courses. Inclusion of CHEM 116/106 as an option to CHEM 120/121. Replacement of mathematics elective with a list of mathematics and science electives.

Catalog statement of existing policy:

Academic Standards for the WKU/UK Joint Mechanical Engineering Program:

Students are admitted as a Pre-Major in Mechanical Engineering. In order to transition from Pre-Major to Major and to graduate with a degree in Mechanical Engineering, students must earn a GPA of 2.5 in the following courses and a grade of "C" or better in each course in the list. This requirement must be completed before enrolling in ME 300: Junior Design.

ME 175: University Experience 2/1hrs (or ME 176 for transfers)
ENG 100: Freshman English 3 hrs
HIST 119 or 120: Western Civilization 3 hrs
COMM 145 or 161: 3 hrs
MATH 136: Calculus and Analytic Geometry I 4 hrs
MATH 137: Calculus and Analytic Geometry II 4 hrs
ME 180: Freshman Design II 3 hrs
PHYS 255/256: University Physics I and Laboratory 5 hrs
CHEM 120/121: College Chemistry I and Laboratory 5 hrs
ME 240/241: Materials and Methods of Manufacturing 4 hrs
TOTAL: 36/35 hrs

After satisfying the requirements to transition from Pre-Major to Major in Mechanical Engineering, the student must also earn a grade of C or better in the following courses required of the major: EM 221, 303, ME 200, 220, 310, 330, 347, MATH 237, MATH 331.

Each Mechanical Engineering student's transcript must include at least 16 hours of credit in the major taught by UK faculty members.

Each Mechanical Engineering student must also take at least one mathematics elective. This elective must meet three criteria:

- It must be a course offered by the Department of Mathematics
- It must not be a course repeating subject matter already covered in a required course.
- It must be of a level greater than or equal to the required courses in mathematics.

Catalog statement of proposed policy:

Academic Standards for the WKU/UK Joint Mechanical Engineering Program:

Students are admitted as a Pre-Major in Mechanical Engineering. In order to transition from Pre-Major to Major and to graduate with a degree in Mechanical Engineering, students must satisfy the requirements below. All courses listed below must have a grade of C or better.

Written and Oral Communication

ENG 100 or equivalent credit	3 hrs.
COMM 145 or 161 or equivalent credit	3 hrs.

Engineering Design

ME 176: Mechanical Engineering Freshman Design	1 hr.
ME 180: Freshman Design II	3 hrs.

Mathematics and Science

MATH 136: Calculus I or equivalent credit	4 hrs.
MATH 137: Calculus II or equivalent credit	4 hrs.
MATH 237: Multivariable Calculus	4 hrs.
PHYS 255/256: University Physics I/LAB	5 hrs.
PHYS 265/266: University Physics II/LAB	5 hrs.
CHEM 116/106 or CHEM 120/121	4 or 5 hrs.

Engineering Science

ME 240/241: Materials and Methods of Manufacturing	3/1 hrs.
EM 221 or EM 222: Statics	3 hrs.

TOTAL: 43 or 44 hours

These Pre-Major eligibility requirements MUST be completed before enrolling ME 300: Junior Design. Check iCAP for progress towards meeting these requirements.

After satisfying the requirements to transition from Pre-Major to Major in Mechanical Engineering, the student must also earn a grade of C or better in the following courses required of the major: EM 303, ME 200, 220, 310, 330, 347, and MATH 331.

Each Mechanical Engineering student's transcript must include at least 16 hours of credit in the major taught by UK faculty members.

Each Mechanical Engineering student must also take at least one mathematics/science elective, for a total of a minimum of 32 hours of mathematics and science beginning at MATH 136. This elective must be chosen from the following list :

PH 280: INTRODUCTION TO ENVIRONMENTAL SCIENCE.
(Equivalent to AGRI 280, CHEM 280, ENV 280, and GEOG 280)
ASTR 214: GENERAL ASTRONOMY
BIOL 120/121: BIOLOGICAL CONCEPTS: CELLS METABOLISM
AND GENETICS
BIOL 122/123: BIOLOGICAL CONCEPTS: EVOLUTION, DIVERSITY,
AND ECOLOGY
BIOL 207/207C: GENERAL MICROBIOLOGY
CHEM 222/223: COLLEGE CHEMISTRY II
GEOG 121: METEOROLOGY
GEOL 111: THE EARTH
GEOL 112: EARTH HISTORY
PHYS 316: COMPUTATIONAL PHYSICS
PHYS 318: DATA ACQUISITION USING LABVIEW
PHYS 320: INTRODUCTORY MODERN PHYSICS I
MATH 305: INTRODUCTION TO MATHEMATICAL MODELING
MATH 307: INTRODUCTION TO LINEAR ALGEBRA
MATH 310: INTRODUCTION TO DISCRETE MATHEMATICS
MATH 370: APPLIED TECHNIQUES IN MATHEMATICS
STAT 301: INTRODUCTORY PROBABILITY AND APPLIED
STATISTICS

Implementation Date: Fall 2013

Ken Crawford seconded the motion. The motion carried.

IV. New Business

GORDON FORD COLLEGE OF BUSINESS

CONSENT AGENDA

Mark Ciampa moved approval of the consent agenda.

Department of Marketing and Sales:

Proposal to revise a course title

Current Course Title: MKT 423 Purchasing and Physical Distribution
Proposed Course Title: Supply Chain Management
Proposed Abbr. Course Title: Supply Chain Management
Credit Hours: 3.0 hrs.
Implementation: Fall 2013

Ismail Civelek seconded the motion. The consent agenda was approved.

ACTION AGENDA

John Baker moved approval of the following **proposal to create a new course from the Department of Management:**

Course Title: MGT 413* International Human Resource Management
Abbr. Course Title: International HRM
Credit Hours: 3.0 hrs.
Prerequisite: MGT 311
Catalog Listing: Covers issues involved with managing human resources globally. Compares customs and regulations among various countries in the core areas of human resource management, including selection, development, compensation, performance management, and labor relations.

Implementation: Fall 2013

**Course number changed to 413 on March 6, 2013.*

See revised proposal for revisions.

Grace Lartey approved the motion. The motion carried.

John Baker moved approval of the following **proposal to revise a program from the Department of Management:**

Program Title: International Business
Reference Number: 569
Required Hours: 73
Identification:

- Adding MGT 413* International Human Resource Management to the list of approved International Business Electives.

Effective Catalog Year: Fall 2013

**Course number changed to 413 on March 6, 2013.*

See revised proposal for revisions.

Scott Grubbs seconded the motion. The motion carried.

Scott Grubbs moved approval of the following **proposal to revise a program from the Department of Economics and Department of Mathematics:**

Program Title: Mathematical Economics
Reference Number: 731
Required Hours: 49-62
Identification:

- The General Mathematical Economics concentration is identical to the current program.
- The Actuarial Science concentration is a package of courses chosen to prepare students to take (at least) the first two actuary exams and to pursue a career as an actuary.
- Neither concentration will require a second major or minor.

Effective Catalog Year: Fall 2013

John Baker seconded the motion. The motion carried.

Mark Ciampa moved approval of the following **proposal to revise a program from the Department of Marketing and Sales:**

Program Title: Sales Minor
Reference Number: 452
Required Hours: 18
Identification:

- Add one course (MKT 331 – Social Media Marketing) to the list of approved elective courses.
- Clarify that a Marketing major cannot also receive a Sales minor.

Effective Catalog Year: Fall 2013

Scott Grubbs seconded the motion. The motion carried.

OGDEN COLLEGE OF SCIENCE AND ENGINEERING

ACTION AGENDA

Scott Grubbs moved approval of the following **proposal to revise a program from the Department of Architecture and Manufacturing Sciences:**

Program Title: Major in Construction Management
Reference Number: 533
Required Hours: 71
Identification:

- Replace the required course AMS 430 with MGT 210

Effective Catalog Year: Fall 2013

See revised proposal for revisions.

Ken Crawford seconded the motion. The motion carried.

The proposal to revise Mathematical Economics was approved on the action agenda from the Gordon Ford College of Business.

COLLEGE OF HEALTH AND HUMAN SERVICES

CONSENT AGENDA

Scott Grubbs moved approval of the consent agenda.

Department of Family and Consumer Sciences:

Proposal to revise a course number

Course Title: HMD 111 Human Nutrition
Proposed Course Number: 211
Credit Hours: 3.0 hrs.
Implementation: Fall 2013

Grace Lartey seconded the motion. The consent agenda was approved.

ACTION AGENDA

Mark Ciampa moved approval of the following **proposals to create new courses from the Department of Family and Consumer Sciences:**

Course Title: IDFM 260 Kitchen & Bath Design Studio I
Abbr. Course Title: Kitchen & Bath Design Studio I
Credit Hours: 3.0 hrs.
Prerequisite: IDFM 201
Catalog Listing: Examination of the technical aspects and accessibility issues of designing kitchens. Development of drawings for the kitchen & bath including floor plans, electrical and lighting plans, elevations, and cabinet sections using NKBA (National Kitchen and Bath Association) guidelines and graphic presentation standards.
Implementation: Fall 2013

Course Title: IDFM 262 Advanced Kitchen and Bath Design
Abbr. Course Title: Advanced Kitchen & Bath Design
Credit Hours: 3.0 hrs.
Prerequisite: IDFM 260
Catalog Listing: Application of advanced technical and special design processes of kitchen and bath, as well as ancillary residential spaces for which kitchen and bath designers plan and specify cabinets. Addresses sustainable methods for residential kitchen and bath design, LEED metrics, inclusive design, and cultural implications facing kitchen and bath designers in the modern world.
Implementation: Fall 2013

Course Title: IDFM 263 Kitchen and Bath Internship
Abbr. Course Title: Kitchen and Bath Internship
Credit Hours: 3.0 hrs.
Prerequisite: IDFM 262 or consent of Instructor
Catalog Listing: Students will work with professionals in approved residential design firms, retail stores, wholesale stores and showrooms specializing in kitchen and bath design and related products. Internship will expose students to various aspects of the kitchen and bath design field.
Implementation: Fall 2013

John Baker seconded the motion. The motion carried.

Scott Grubbs moved approval of the following **proposal to revise a program from the Department of Allied Health:**

Program Title: Bachelor of Science in Dental Hygiene
Reference Number: 524
Required Hours: 72 (77)
Identification:

- Changing Upper Division graduation requirements in non-education track
- Decrease in credit hours required for non-education track by 1 credit hour

Effective Catalog Year: Fall 2013

John Baker seconded the motion. The motion carried.

John Baker moved approval of the following **proposal to create a new Certificate Program from the Department of Family and Consumer Sciences:**

Program Title: Kitchen and Bath
Required Hours: 24
Catalog Description: Kitchen and Bath certificate will prepare students with advanced knowledge for the design of kitchens and bathrooms to meet the needs of residential and commercial customers in accordance with regulatory safety requirements, environmental standards, and business practices. Successful completion of the program with a C or better will allow the student to sit for the preliminary exam Associate Kitchen and Bath Designer (AKBD). The total hours for this certificate are 24.
Effective Catalog Year: Fall 2013

Grace Lartey seconded the motion. The motion carried.

POTTER COLLEGE OF ARTS AND HUMANITIES

ACTION AGENDA

J. Dusteen Knotts moved approval of the following **proposals to revise programs from the School of Journalism and Broadcasting:**

Program Title: Major in News/Editorial Journalism (A.B.)
Reference Number: 716
Required Hours: 42
Identification:

- Revise the academic regulation requiring students to take a minimum of 80 semester hours in courses outside the major area of journalism and mass communications, with no fewer than 65 semester hours in the liberal arts and natural sciences.
- Revise the restrictions on the selection of a minor.

Effective Catalog Year: Fall 2013

Program Title: Major in Broadcasting (A.B.)
Reference Number: 726
Required Hours: 39
Identification:

- Revise the academic regulation requiring students to take a minimum of 80 semester hours in courses outside the major area of journalism and mass communications, with no fewer than 65 semester hours in the liberal arts and natural sciences.
- Clarify the restrictions on the selection of a minor.
- Delete BCOM 429 Broadcast Meteorology from restricted electives

Effective Catalog Year: Fall 2013
See revised proposal for revisions.

Program Title: Major in Advertising (A.B.)
Reference Number: 727
Required Hours: 36

Identification:

- Revise the academic regulation requiring students to take a minimum of 80 semester hours in courses outside the major area of journalism and mass communications, with no fewer than 65 semester hours in the liberal arts and natural sciences.
- Revise the restrictions on the selection of a minor.

Effective Catalog Year: Fall 2013

Program Title: Major in Photojournalism (A.B.)

Reference Number: 750

Required Hours: 42

Identification:

- Revise the academic regulation requiring students to take a minimum of 80 semester hours in courses outside the major area of journalism and mass communications, with no fewer than 65 semester hours in the liberal arts and natural sciences.
- Revise the restrictions on the selection of a minor.

Effective Catalog Year: Fall 2013

Program Title: Major in Public Relations (A.B.)

Reference Number: 763

Required Hours: 39

Identification:

- Revise the academic regulation requiring students to take a minimum of 80 semester hours in courses outside the major area of journalism and mass communications, with no fewer than 65 semester hours in the liberal arts and natural sciences.
- Clarify the restrictions on the selection of a minor.

Effective Catalog Year: Fall 2013

Scott Grubbs seconded the motion. The motion carried.

UNIVERSITY COLLEGE

INFORMATION ITEMS

Create temporary courses

Course Title: PLS 200C Legal Ethics

Course Title: PLS 360C Debtor/Creditor Relations

Course Title: UC 100 College and Career Explorations

ACTION AGENDA

Kristi Branham moved approval of the following **proposal to revise a program from the Department of Professional Studies:**

Program Title: Business

Reference Number: 288

Required Hours: 60

Identification:

- Business Management concentration: Increase the credit hours from 18 to 21. Replace Business elective (3 hours) with BUS 245C Managing

Diversity in the Workplace and add BUS 102C Introduction to Ethical Issue in Business. Decrease the General Education requirement from 18 hours to 15 hours.

- Office Management concentration: Change the program title from Office Management to Office Management and Supervision.
Replace “OST 220C or OST 221C or OST 222C (6 hours)” with BUS 245C and BUS 248C
Replace OST 217C with BUS 257C
Add BUS 102C (3 hours)
General Education requirements: Change the requirements from 18 hours to 15 hours.

Effective Catalog Year: Fall 2013

John Baker seconded the motion. The motion carried.

The meeting adjourned at 4:35 p.m.

Respectfully submitted,

Melna Wilson, Recorder