MEMORANDUM TO: Ogden College of Science and Engineering Curriculum Committee

Dr. Jack Rudolph	Dr. James Gary	Dr. Keith Sylvester
Dr. Martin Stone	Dr. Huanjing Wang	Dr. John Khouryieh
Dr. Bruce Schulte	Dr. Julie Ellis	Dr. Bruce Kessler
Dr. Scott Grubbs	Dr. Warren Campbell	Dr. Attila Por
Dr. Cathleen Webb	Dr. David Keeling	Dr. Keith Andrew
Dr. Hemali Rathnayake	Dr. Xingang Fan	Dr. Steven Gibson
Dr. Les Pesterfield		

FROM: Kenneth Crawford, Chair

SUBJECT: Agenda for <u>Thursday, April 4, 2013</u>, 4:00 p.m. in COHH 4123

A. OLD BUSINESS:
   I.   Consideration of the minutes of the March 7, 2013, meeting.

B. NEW BUSINESS:

<u>Consent Items</u>

I. **<u>Department of Engineering</u>**
   1. Proposal to Revise Course Prerequisites/Corequisites
        a. EE 470, Communications and Modulation, 3 hrs.

C. **OTHER BUSINESS**

Minutes – OCSE Curriculum Committee   **March 7, 2013**

MEMBERS PRESENT:

Dr. Martin Stone	Dr. David Keeling
Dr. Bruce Schulte	Dr. Julie Ellis
Dr. Scott Grubbs	Dr. David Keeling
Dr. Cathleen Webb	Dr. John Khouryieh
Dr. Hemali Rathnayake	Dr. Bruce Kessler
Dr. Les Pesterfield	Dr. Attila Por
Dr. James Gary	Dr. Steven Gibson

Visitors: Dr. Scott Bonham

FROM: Ken Crawford, Chair

OLD BUSINESS:

Keeling/Ellis moved approval of the minutes from the February 7, 2013, meeting.
Motion passed.

NEW BUSINESS:

Consent Agenda

Department of Biology
Keeling/Pesterfield moved approval of the consent agenda from the Department of
Biology. Motion passed.

Department of Chemistry
Keeling/Grubbs moved approval of the consent agenda from the Department of
Chemistry. Motion passed.

Department of Computer Science
Keeling/Pesterfield moved approval of the consent agenda from the Department of
Computer Science. Motion passed.

Department of Geography and Geology
Keeling/Grubbs moved approval of the consent agenda from the Department of
Geography and Geology. Motion passed.

Action Agenda

Department of Agriculture and Department of Biology
Keeling/Stone moved approval of the proposals to make multiple revisions to a course,
AGRO 317, Plant Pathology and BIOL 317, Plant Pathology as one item. Motion passed.

Department of Architectural and Manufacturing Sciences
Keeling/Khouryieh moved approval of the proposal to make multiple revisions to a course, AMS 301, Introduction to Food Science and Technology. After discussion regarding rationale, the motion passed on a 9 (yes) to 4 (no) vote.

Department of Biology
Keeling/Stone moved approval of the proposal to create a new course, BIOL 457, Herpetology. Motion passed.

Department of Chemistry
Keeling/Stone moved approval of the proposal to create a new course, CHEM 240, Introduction to Organic Chemistry. Motion passed with an amendment.

Keeling/Ellis moved approval of the proposal to create a new course, CHEM 307, Food Chemistry. Motion passed 12 (yes) 1 (no) with a spelling correction.

Keeling/Stone moved approval of the proposal to create a new course, CHEM 421, Inorganic Chemistry Lab. Motion passed.

Department of Geography and Geology
Keeling/Stone moved approval of the proposals to create a new course GEOG 103, Our Dynamic Planet and GEOL 103, Our Dynamic Planet as one item. Motion passed.

Keeling/Grubbs moved approval of the proposal to make multiple revisions to a course, GEOG 391, Data Analyses and Interpretation. Motion passed.

Keeling/Stone moved approval of the proposal to make multiple revisions to a course, GEOG 484, Theory and Application. Motion passed.

Keeling/Grubbs moved approval of the proposal to revise a program, Ref. #353, Minor in Earth Sciences. Motion passed with amendments to change 21 to 23 hours in 1.3 and remove ASTR 214 from list of elective courses.

Department of Physics and Astronomy
Keeling/Stone moved approval of the proposal to revise a program, PHYS 215, Seminar for Physics Learning Assistants. Motion passed with amendment to 1.6.

OTHER BUSINESS

No other business. Meeting was adjourned.

College of Science and Engineering
Department of Engineering
Proposal to Revise Course Prerequisites/Corequisites
(Consent Item)

Contact Person: Mark Cambron, mark.cambron@wku.edu 745-8868

1. **Identification of course**
   1.1 Course prefix (subject area) and number: EE 470
   1.2 Title: Communications and Modulation
   1.3 Credit hours: 3.0

2. **Current prerequisite:**   EE 420
   Current corequisite: EE 475

3. **Proposed prerequisite:**   EE 420, STAT 301
   Proposed corequisites: EE 475

4. **Rationale for the revision of course prerequisites/corequisites**: STAT 301 is a required course in the Electrical Engineering Program.   Successful completion in a course in applied statistics and probability will better prepare students for EE 470.

5. **Effect on completion of major/minor sequence:** No effect

6. **Proposed term for implementation:** Winter 2014

7. **Dates of prior committee approvals:**

	19 March 2013
Department of Engineering	
Ogden College Curriculum Committee	
University Curriculum Committee	
University Senate	

Attachment: Course Inventory Form

COURSE INVENTORY FORM

☐ **Course Revisions**

Note: **If course revision affects subject area, course number, or course title, complete both #1 and #2, and any other proposed changes.**
If course revision does not affect subject area, course number, or course title, complete #1, and any proposed changes ONLY.

1.	**Identification of Existing Course**	**Existing Subject Area** EE
		Existing Course Number 470
		Existing Course Title COMMUNICATIONS AND MODULATION

2.	**Identification of Proposed Course**	**Proposed Subject Area** ☐
		Proposed Course Number ☐
		Proposed Official Course Title ☐
		Proposed Abbreviated Title ☐

3. **First effective term for course revision** (e.g. Spring 2012=201210, Fall 2012=201230)   201405

4. **Offering Unit** (See Table of Code Values.)   College SC   Department Engr

Course Revisions: Check box at left and complete only those items that are being changed. Leave other items blank.

☐   5. **Credit Hours**   Fixed Credit Hours: ☐   Variable Credit Hours ☐ ☐ ☐

☐   6. **Repeat Limit** (See instructions.)   ☐ **Total Maximum Hours** (See instructions.)   ☐

☐   7. **Grading** (Check all that apply.)   ☐ Standard Letter Grading   ☐ Pass/Fail Only   ☐ No Grade
☐ In Progress – IP (course is intended to span more than one term)

☐   8. **Schedule Type** (See Table of Schedule Types.)   ☐ ☐ ☐

☐   9. **Corequisites** (courses required to be taken **concurrently** with this course)

Subject Area	Course Number	Subject Area	Course Number	Subject Area	Course Number
☐	☐	☐	☐	☐	☐

☐   10. **Equivalent Courses** (Include South Campus [C suffix] courses and other equivalent courses.)

Subject Area	Course Number	Subject Area	Course Number	Subject Area	Course Number
☐	☐	☐	☐	☐	☐

☒   11. **Prerequisites** (See instructions.)

Subject Area	Course Number		Subject Area	Course Number		Subject Area	Course Number
EE	420	AND	STAT	301	☐	☐	☐

☐ Other ☐

☐   12. **Course Attribute**   ☐ Honors Course   ☐ Developmental Course

☐   13. **Course Restrictions**   ☐ Include/☐ Exclude   College ☐   College ☐   Major ☐   Major ☐   Classification ☐

☐   14. **Course Description** (Indicate exactly as it should appear in the University Catalog. Include pertinent special information, e.g., course fees, pass/fail grading, field trips, transportation requirements, etc.)
☐

Office of the Registrar Use
UCC _____   University Senate _____   CIP _____   Course Desc_____
Graduate Council _____   Provost _____   Banner Data _____   Evaluate_____

Course Inventory Instructions and Code Values
Course Revisions
(Do not forward this instruction sheet with the Course Inventory Form)

General Instructions

The University Course Inventory is updated and maintained by the Office of the Registrar. The purpose of this form is to provide data necessary for revising existing courses in the course inventory. The form will be prepared by the originating department and accompany course materials submitted to the Undergraduate Curriculum Committee (UCC) or Graduate Council for action. Following approval by the UCC or Graduate Council, University Senate, and Provost, course information will be entered into the Banner student information system.

Note: This form is not to be used to indicate approval of courses for General Education.

Question 4   **Table of Code Values**

AR   **Arts & Letters**
99AR	Interdisciplinary/Undeclared
ART	Art
COMM	Communication
ENG	English
FLKA	Folk Studies and Anthropology
GOVT	Political Science
HIST	History
INT	International Programs
JOUR	School of Journalism and Broadcasting
MLNG	Modern Languages
MUS	Music
PHIL	Philosophy and Religion
SOCL	Sociology
THEA	Theatre and Dance

BU   **Gordon Ford College of Business**
99BU	Interdisciplinary/Undeclared
ACCT	Accounting
BA	Business Administration
CIS	Computer Information Systems
ECON	Economics
FIN	Finance
MGT	Management
MKT	Marketing and Sales

ED   **Education & Behavioral Sciences**
99ED	Interdisciplinary/Undeclared
CNSA	Counseling and Student Affairs
EALR	Educational Adm., Leadership and Research
EDLD	Educational Leadership (doctoral program only)
MIL	Military Science
PSY	Psychology
TCH	School of Teacher Education

EX   **Exploratory Studies**
ACAD	Academic Advising and Retention
ND	Non Degree

GC   **Graduate Studies**
GRAD	Graduate Studies Office

HH   **Health & Human Services**
99HH	Interdisciplinary/Undeclared
ALHL	Allied Health
CD	Communication Disorders
CFS	Family and Consumer Sciences
NURS	School of Nursing
PHY	Kinesiology, Recreation and Sport
PUBH	Public Health
SWRK	Social Work

Question 4   **(Table of Code Values continued)**

IS   **University College**
99IS	Dean's Office
ACMS	Math and Science Academy
AS	Academic Support
BUS	Professional Studies
CIT	Computer Information Technology
DCS	Diversity and Community Studies
GERO	Center for Gerontology
GS	Liberal Arts and Sciences
HON	Honors
INST	Interdisciplinary Studies
LEAD	School of Leadership Studies

SC   **Science & Engineering**
99SC	Interdisciplinary/Undeclared
AGRI	Agriculture
AMS	Architectural and Manufacturing Sciences
BIOL	Biology
CHEM	Chemistry
CS	Computer Science
ENGR	Engineering
GEO	Geography and Geology
MATH	Mathematics
PHYA	Physics and Astronomy

Question 6   The **Repeat Limit** should reflect the number of times a student can enroll for degree credit **beyond** the first enrollment. Enter zero (0) unless the course can be taken multiple times for credit (e.g., special topics, internships). **Total Maximum Hours** is the number of hours for which a student may receive degree credit for this course.

Question 8   **Table of Schedule Types**

A	**Applied Learning—**Focus on process and/or technique	
B	**Lab—**Experimental study in a setting equipped for testing and analysis	
C	**Lecture/Lab—**Combination of formal presentation and experimental study	
D	**Applied Technique—**Private or small group instruction	
E	**Ensemble Performance—**Group Performance	
H	**Clinical—**Development of professional skills, typically in a medical setting	
I	**Independent Study—**Individualized instruction between the student & faculty member	
K	**Workshop—**Seminar emphasizing practical applications of a subject	
L	**Lecture—**Formal presentation of a subject; may include a variety of delivery methods.	
M	**Maintaining Matriculation—**Course enrollment requirement during completion of thesis or dissertation	
N	**Internship—**Capstone supervised professional experience	
O	**Cooperative Education—**Practical experience with a cooperating organization	
P	**Practicum—**Supervised practical experience	
R	**Research—**Directed investigation or experimentation	
S	**Seminar—**Group discussion and exchange of information	
T	**Student Teaching—**Capstone supervised teaching experience	

Question 11   Be sure to indicate **AND** or **OR, if applicable**. Including a prerequisite on this form does not mean the Banner system will check for completion of appropriate course(s). A separate "On-Line Prerequisite Checking Request" form must be submitted to the Office of the Registrar to initiate on-line prerequisite checking.

Question 13   Courses can be restricted either by college, major, or classification. Use this area to include or exclude particular populations for enrollment in this course.