

**UNIVERSITY CURRICULUM COUNCIL**  
**Tuesday, September 15, 2015**  
**3:15p.m.**  
**Alden Library, Room 319**  
**First Meeting of 2015-2016**

**ATTENDANCE:**

Present: Alonso-Sameno, Barlag, Bates, Bergmeier, Broughton, Castillo, Cotton, Escobado, Frith (for Webster), Gieseey (for Irwin), Hatch (for Frank), Helfrich, Hood-Brown, Horner, Ingram, Jeng, Kanwar, Kim, Koonce (for Shields), Kruse, Lamb (for Kennedy-Dygas), Loudner-Maffin (for Johnson), Marinellie, Mather, Miller, Murray, Piccioni, Rodina, Rogus, Szolosi, Thomas, Tuck

Excused: Jeffries, Sparks, Wanat

Absent: Anderson, De Lacalle, Edmonds, Machtmes, Middleton, Roberson, Ruhil, Sayrs, Sherman, Tees, Trube, Williford, Zedaker

Guests: Dewald, Whitenable

**CHAIR'S REPORT:** David Thomas

Thomas called the first meeting of 2015-2016 to order at 3:15 p.m. and welcomed everyone.

Thomas reminded the Council to sign in

Thomas reminded the Council that the Council is the most vital committee at the University. Faculty needs to remain in control of the curriculum. There are universities that the curriculum is controlled by Administration. Beth Quitslund, chair of Faculty Senate, is chairing a task force to make recommendations on how to improve the processes of the Council.

Thomas turned the floor over to Quitslund who updated the Council on the Task Force. The Task Force should be completeing their work by the middle of October. They have been looking at ways to streamline the UCC process as well as rationalizing the need for the processes. The Task Force has been looking at the Curricular process as the joint responsibility of programs, colleges and UCC. They have been looking at questions raised at all the stages of approval and making an attempt to divide them up in fairly clear ways between the different level of approvals in order to come up with a set of responsibilities that are obligations at certain levels of approval and not at other levels. The Task Force is looking at an expedited track for changes to programs and courses and will provide a framework for them. The committees will then fill in the specific cases for expediting a program or course. The Task Force is looking at the normative times that we can publize and communicate about the processes at the UCC level and the deadlines by which the automatic actions take place in the absence of objections. All of the policy changes will come to the Council for approval. Please forward any suggestions to Quitslund or Thomas.

**INDIVIDUAL COURSE COMMITTEE:** Hans Kruse, Chair/Mary Rogus, Vice Chair

Marinellie reported that the total number of new courses moved forward to the Council was 243 and the total number of course changes moved forward was 289 for a total of 532 courses that were viewed and moved forward to the Council this academic year.

Marinellie reported that the average length of time for new courses to go through ICC review to UCC approval was about 33 days and course changes took on average about 45 days.

Marinellie reviewed the most common reasons courses were returned from ICC. They include:

- Course change explanation is not properly filled out.
- Prerequisite text and prerequisite list sometimes do not match.
- Student learning outcomes not being measurable.
- Typos
- Odd abbreviations in course names.
- Graduate expectations in dual listed courses not outlined clear enough

Marinellie amended the agenda to courses approved after the agenda was sent out.

Marinellie presented the ICC minutes as amended which is appended to this report. Courses unanimously approved by voice vote.

Thomas thanked Marinellie and her committee for all the work they have done.

**PROGRAMS COMMITTEE:** Kelly Broughton, Chair

Broughton presented the agenda.

## **SECOND READINGS – CHANGES IN PROGRAMS**

### **Item 1**

**Unanimously approved by voice vote**

Program Code: ME7266

Program Name: Engineering Management

Contact: Dale Masel, masel@ohio.edu

Summary: Currently 9 courses plus a project are required for the MEM degree. Students have requested additional options and in order to provide those options without increasing degree requirements, a category of Engineering Management Electives is being added to the degree requirements. Students will need to take 2 Engineering Management Electives to complete the degree requirements. Two courses that are currently required (EMGT 6120 and EMGT 6210) will become electives. Also, a new course (EMGT 6700) will be an elective option.

### **Item 2**

**Unanimously approved by voice vote**

Program Code: BC5329

Program Name: Information and Telecommunication Systems

Contact: Trevor Roycroft, roycroft@ohio.edu

Summary: The current ITS bachelor's degree requirements include seven (7) courses that are offered by the College of Business. Six of the seven courses are also components of the current Business Minor offered by College of Business, and ITS students often complete the Business Minor. The College of Business has proposed to modify the Business Minor, and we understand that College of Business' proposed changes will be approved. The College of Business has suggested that the ITS School modify its requirements to match the set of classes listed in the

new Minor since those classes are designed for non-majors. In light of these proposed changes to the non-ITS requirements, the number of required ITS courses will be expanded. In summary, the number of required ITS elective courses will increase from 3 (9 semester hours) to 5 (15 semester hours). In addition, the following two ITS courses will be added to the list of ITS electives: ITS 3021—Information and Telecommunications Policy II and ITS 4910—Internship in Communication. The result of the proposed changes has no impact on total program hours, and can be implemented given current resource and faculty constraints. No other programs will be affected by the proposed changes. Note: the internship should be limited to 3 hours.

### **Item 3**

#### **Unanimously approved by voice vote**

Program Code: BS7255

Program Name: Industrial and Systems Engineering

Contact: Dale Masel, masel@ohio.edu

Summary:

- 1) One course is being added:
  - ISE 4170 (Lean Manufacturing and Service Systems) – 3 credits
- 2) With the addition of ISE 4170, changes are needed on electives in some Professional Concentration Areas (PCAs). Since the content in ISE 4170 partially overlaps the content in ISE 4320, it is not expected that ISE 4320 will be offered in the foreseeable future.
  - General IE PCA: Remove ISE 4320 (required classes will be ISE 4300, ISE 4360, ISE 4380, and ETM 3070 or 1100)
  - Health Care PCA: Delete ISE 4320 as an option (required classes will be EH 2000 or OHS 2000; HLTH 3350 or HLTH 3400; ISE 4360; ISE 4365)
- 3) An additional PCA is being offered in Sustainability:
  - Required: CE 3530, CE 4540
  - Choose two of: BIOS 2750, CE 4530, ECON 3130, ECON 3140, EH 2000, ME 4350
- 4) Additional elective option to be added:
  - Business Elective: MGT 3550 (Creativity and Innovation Management)
- 5) To be removed from list of options for Engineering Science electives:
  - CE 2160 and CE 4000

## **SECOND READINGS – NEW PROGRAMS**

### **Item 1**

#### **Unanimously approved by voice vote**

Program Code: BSXX15

Program Name: HTC Geological Sciences

Contact: Greg Springer (springeg@ohio.edu)

Summary: The proposed geological sciences bachelor of science program in the HTC (Honors Tutorial College) is designed to offer an opportunity for highly motivated students to study geology at a higher level of achievement. This program aims to challenge students at every phase of study and promote high quality undergraduate research worthy of publication. The curriculum includes one-on-one tutorials with geology professors in association with one required class a semester and promotes writing and research skills to carry out geologic investigations and to present this research at meetings. The students who complete this program will be well positioned to continue on to PhD research. The extra resources needed for this program include extra time by professors teaching the required courses and \$500 per tutorial of HTC instructional funds. All the professors in the Department have agreed to this teaching model. The Department of Geological Sciences already has a program in place for undergraduates to do research and

write a bachelors thesis but few students take advantage of this opportunity. The Provost's Undergraduate Research Fund and HTC Dean's Travel & Research Fund are great resources for monetary support of the program's research objectives. Implementation of the program would begin with the application process in December 2015 with the first HTC students beginning their study in August 2016

## **Item 2**

### **Unanimously approved by voice vote**

Program Code: MEXX03

Program Name: M.Ed. in Teaching and Learning

Contact: Dianne Gut, gut@ohio.edu

Summary: The M.Ed. in Teaching and Learning is a master's degree offered by the Department of Teacher Education designed for individuals who would like to complete a one-year (three semester) master's degree in teaching and learning without licensure (whether domestic or international). This master's program is designed for individuals who will not be teaching in P-12 schools and not seeking licensure.

## **FIRST READINGS – CHANGES IN PROGRAMS**

### **Item 1**

*Please see revised change proposal on agenda web page and ignore the version in OCEAN*

Program Code: AA5017

Program Name: Equine Studies

Contact: Kelly Hall, hallk@ohio.edu

Summary: The Commercial Equine Business Management Track (Track C) has been redesigned to offer online. Only one other university has a similar track using this method of providing an education to students. The changes in the Track result in the same total credit hours, although all courses in the major except one will be new or substantially revised and there are changes proposed to the general requirements.

### **Item 2**

**Motion to waive rules; motion seconded; motion approved with one objection and one abstention; Rules waived**

**Approved by voice vote with one abstention**

Program Code: BS7252

Program Name: Civil Engineering (CE)

Contact: Terry Masada, [masada@ohio.edu](mailto:masada@ohio.edu)

Summary: The program wishes to implement the following two changes, starting AY 2015-16:

- Elimination of ET 3132 (basic electrical engineering I, 2 hrs)
- Replacement of MATH 3300 (calculus III, 4 hrs) with MATH 3200 (applied linear algebra, 3 hrs)

The first change stems from the fact that ET 3132 is no longer needed in the program. The state board dropped electricity & magnetism from the Fundamentals of Engineering (FE) Exam subjects list. It is sufficient that students in the program are learning basics of electric circuit theories in PHYS 2052.

The second change is needed because the contents (matrix theory, eigenvectors, ...) of MATH 3200 are more valuable to the program's students than the topic (analytic geometry) covered in MATH 3300. With these changes, the minimum hours needed to graduate will be 124.5 hours, which is a mere 2.4% reduction from the current minimum hours of 127.5 hours. The Math department is aware of this proposal and expect the impact to be negligible.

### **Item 3**

#### **Motion to waive to the rules; No second, motion failed.**

Program Code: MS7272

Program Name: Master of Science in Electrical Engineering (online)

Contact: Jeffrey Dill, [dill@ohio.edu](mailto:dill@ohio.edu)

Summary: Expand the number of concentrations from 2 (general EE, Electronic Navigation) to 6 (General Electrical Engineering, Electronic Navigation, Autonomous Unmanned Vehicles, Communications and Digital Signal Processing, Computer Engineering, Micro Nano Systems and Devices) for our online version of the MSEE degree program. This is mostly a repackaging of the original online offering. Rationale:

1. The new tracks provide a broader appeal to potential students and match current trends in the profession.
2. The new courses modularize the schedule, and improve efficiency and flexibility in scheduling for both students and faculty, without increasing the number of courses offered per semester.
3. The increased number of electives enables students to customize their program to fit their career and interests. Impact on total program hours: none Impact on resource requirements: one-time cost of mapping four additional existing courses into an online format; no recurring resource requirements Impact on faculty: improved scheduling efficiency by offering online courses on a predictable once-per-year schedule.

### **FIRST READINGS – NEW PROGRAMS**

None

### **MINOR CHANGES, CORRECTIONS & ADMINISTRIVIA NOT NEEDING UCC VOTE**

#### **Item 1**

Program Code: BB6120

Program Name: Business Pre-Law co-major

Contact: Chris Moberg, moberg

Summary: Correct accidental deletion of “co-major” status from catalog. Specifically add: "You must complete the requirements for the business prelaw major in conjunction with the requirements for one of the other BBA majors, which include accounting, business economics, entrepreneurship, finance, international business, management and strategic leadership, management information systems, and marketing or in conjunction with the requirements for the Bachelor of Sport Management major."

#### **Item 2**

Program: All BBA majors

Contact: Chris Moberg, moberg

Summary: When the College of Business passed an internship requirement as a component of its core curriculum three years ago, participation in one of the college's study abroad programs (Global Competitiveness Program) was approved as an option to meet the internship requirement in addition to the college's Global Perspectives requirement. The registrar's office created a GLBL XXXX course designation for the college's various Global experiences, typically one per location. This note confirms that any GLBL XXXX (COB Global Experiences) meet both the internship and global perspectives requirements for the college.

Thomas thanked Broughton and her committee for their hard work.

**PROGRAMS REVIEW COMMITTEE:** David Ingram, Chair

Ingram presented seven program reviews for approval.

Department of Chemical and Biomolecular Engineering  
Department of Mechanical Engineering  
Department of Industrial and Systems Engineering  
Department of Electrical Engineering and Computer Science  
Department of Civil Engineering  
Department of History  
School of Nursing

All programs are found to be viable. Full reports with commendations, concerns and recommendations are appended to the minutes

Ingram moved approval of the seven reviews. Reviews approved unanimously by voice vote.

Ingram updated the Council on other reviews. Equine Studies has just been completed with their site visits and the comments are in from the Deans and Chair. Math is being reviewed. Business and OCOM are next to be done.

Thomas thanked Ingram and his committee for their hard work.

**GENERAL EDUCATION COMMITTEE,** David Thomas, Chair

No report.

**NEW BUSINESS**

Thomas thanked the Council members for their work this academic year.

Thomas adjourned the meeting at 4:09 p.m.