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SR-13-14-74 CC

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CURRICULUM COMMITTEE RECOMMENDATION

SR-13-14-74 CC

NOTE: The curricular form for each item listed may be accessed at www.marshall.edu/senate/ucc. Click the UCC Agendas/Minutes link; click the link for the March 14, 2014 meeting date; click the link in the Description column to open a particular item.

Recommends approval of the listed **UNDERGRADUATE PRGRAM CHANGE** in the following colleges and/or schools/program: **COLLEGE OF INFORMATION TECHNOLOGY & ENGINEERING:**

1. Add one hour to the Introduction to CAD course (ENGR 102)

Rational:

Previous assessment efforts had indicated a need to provide additional CAD instruction for BSE students. To address this concern initially, one hour was added to CE 241, a course in the Civil Emphasis of the program. As we move toward an additional emphasis in Mechanical Engineering, we would like to provide this additional instructions in a course common to both emphases. ENGR 102 is the appropriate place to accomplish this goal. It is early in the BSE curriculum and we'll be common to both emphasis.

Curriculum:

The requested change is to add one credit hour to ENGR 102 Introduction to CAD. A simultaneous request is being made to reduce the credit house in CE 241 from 4 to 3. These changes will neither increase nor decrease the total hours in the BSE program.

2. The separation ENGR 318 Fluid Mechanics (3-lec, 3-lab) into two separate courses.

Rational:

Because this course will be required for students in both the Civil emphasis and the Mechanical emphases of the BSE, this change will allow for better instruction and more balanced faculty teaching loads. While the lecture part of ENGR 318 (as currently constituted) can be taught efficiently in a single large section, smaller lab sections are required so that each student van get the maximum "hands-on" benefit. Having smaller lab sections also would allow us to schedule different faculty to teach each section, and this would allow the division chair to more easily apportion teaching loads.

Curriculum:

We are requesting that ENGR 318 Fluid Mechanics (3 lec, 3 lab) (4 cr) be converted to two separate courses: ENGR 318 (3 lec), (3 cr) and ENGR 319 (3 lab) (1cr). The overall course content would not change.

A simultaneous request is being made to create ENGR 319 Fluid Mechanics Laboratory.

FACULTY SENATE CHAIR:

APPROVED BY THE
FACULTY SENATE: Eldon R. Larson DATE: 4/17/14

DISAPPROVED BY THE
FACULTY SENATE: _____ DATE: _____

UNIVERSITY PRESIDENT:

APPROVED: [Signature] DATE: 4/24/14

DISAPPROVED: _____ DATE: _____

COMMENTS: _____

