UNIVERSITY CURRICULUM COMMITTEE  
2016-17 Meeting #15, February 27, 2017  

Present: Patricia Hart, Tara Hudiburg, Rick Stoddart, Dan Eveleth, Joe Law, Jeanne Stevenson, Heather Chermak, Robert Heinse, Don Crowley, Jaap Voss (via Zoom), Dinara Storfer, Kenton Bird  
Absent: Austin Blacker, Ankan Guria, Brianna Larson, Matthew Brehm  
Others present: Grace Miller, Dwaine Hubbard, Rebecca Frost, Eric Coates  

Chairperson Hart called the meeting to order at 3:30 in the Pitman Cataldo Room. It was moved and seconded to approve the minutes. It was noted that Jaap Vos should be added to the previous meeting’s list of present members. The motion passed with one abstention.

UCC-17-028  COLLEGE OF ENGINEERING  

BIOLOGICAL ENGINEERING  
It was moved and seconded to approve the changes. The motion passed unanimously.

CIVIL ENGINEERING  
It was moved and seconded to approve the changes. Rick Stoddart asked whether the research supported the curriculum or vice versa with regard to CE 513 Bridge Design. Joe Law responded that it was a hybrid of both. The changes passed unanimously.

COMPUTER SCIENCE  
It was moved and seconded to approve the changes. Dan Eveleth noted that the Machine Learning course is changing substantially, but the number is not. Joe reported that the course is not repeatable. Registrar Heather Chermak noted that the course would need a new number. The committee elected to assign CS 476 a new number and replace CS 576 with a corresponding 500-level course. The motion passed unanimously, as amended.

ELECTRICAL AND COMPUTER ENGINEERING  
It was moved and seconded to approve items one and two. Dinara Storfer asked if ECE 555 was offered every semester and Joe responded that it is probably offered once every two years. Kenton Bird noted that the department requested that the course become cooperative and asked if they had to present it to the WSU curriculum committee. Joe responded in the affirmative; it occurs in the same semester, but not at precisely the same time. The motion passed unanimously.

It was moved and seconded to approve item three. The motion passed unanimously.

It was moved and seconded to approve item four. Dan asked if there were any consequences for shifting the science electives and Joe responded that it is not a very large program. Dinara asked whether students could take a 4 credit CHEM 111 or a combination 3 credit CHEM 111 and a 1 credit lab. Joe responded that the two would be interchangeable. The motion passed unanimously.

It was moved and seconded to approve item five. Joe noted that the department lost the faculty member who taught 430, so students needed more options. Dan noted that the text addition beneath Technical Electives also appears at the end of the curriculum. The committee elected to remove the latter section. The motion passed unanimously, as amended.
ENGINEERING MANAGEMENT
It was moved and seconded to approve items one and two. It was noted that the EM 582 prereq should be 580, not 581. The motion passed unanimously.

INDUSTRIAL TECHNOLOGY
The committee elected to consider the FIRE courses alongside the prefix proposal and the new curriculum (UCC-17-028b and UCC-17-028c).

UCC-17-028b  COLLEGE OF ENGINEERING
UCC-17-028c  COLLEGE OF ENGINEERING
It was moved and seconded to approve the new FIRE courses, the new prefix, and the new curriculum.

Dan noted that the proposal references pent-up demand from the Idaho National Laboratory and asked if the demand were expected to go away. Joe explained that the INL will pick up the program after a couple years, but the need may go away after six years. Dan asked whether the department had considered offering the courses in other places and Joe expressed doubt for two reasons: 1) there is not very high interest outside of the specialty the courses are built for and 2) they are offered at a distance. Patricia Hart asked whether the department planned to hire new people and Joe responded in the affirmative; some on site and some currently employed by the University.

Dan asked whether the courses listed on UCC-17-028c were required in that particular sequence and Joe responded in the negative. The motion passed unanimously.

Joe moved to consider UCC-17-028a before returning to UCC-17-028, in order to accommodate Eric Coates. Eric noted to the committee that changing the department’s name has “strong potential to attract more students to the University.” He also noted that over 60% of Civil Engineering programs nationwide include the word “Environmental” in their titles. It was moved and seconded to approve the change from “Civil Engineering” to “Civil and Environmental Engineering.” Don Crowley noted that five people did not vote yes and asked what their concerns were. Eric suggested that they requested additional information at the time of the vote and that a re-vote might look different. The motion passed unanimously.

INDUSTRIAL TECHNOLOGY
The committee returned to UCC-17-028. It was moved and seconded to approve Industrial Technology items two, three, four, and five. Dinara and Dan noted that the INDT capstones should have been three credits all along, instead of two. Dan noted that CTE 450 is being removed from the Human Safety Performance Undergraduate Certificate because it is no longer offered, but TM 528 is also not offered often.

Dinara noted that the Industrial Technology Major’s rationale refers to CHEM 112 as “organic chemistry,” which is incorrect. CHEM 112 deals with thermodynamics and kinetics. Dan noted that the rationale references adding ACCT 201 in place of BUS 370, but this isn’t consistent with the credit requirement. Joe noted that the department probably did not want ACCT 201 added to the curriculum. Dinara noted that CHEM 112 is being dropped from the Industrial Technology curriculum, but not PHYS 112. The motion passed with one abstention.
MECHANICAL ENGINEERING
It was moved and seconded to approve items one, two, and three. Dan noted that “ME 330” should be preceded by an “and” in ME 464’s prerequisites.

Dan noted that the wording added to the Mechanical Engineering Major also appeared in the graduation requirement and asked whether they should be the same. Dan also noted that the list of courses on page 31 is now labeled incorrectly given the addition of COMM 101 and ENGL 102. The committee elected to change the language to “the following courses,” instead of referring to specific subject areas. It was noted that “listed in below” should be “listed below.” The motion passed unanimously, as amended.

CHEMICAL AND MATERIALS ENGINEERING
It was moved and seconded to approve items one and two. The motion passed unanimously.

NUCLEAR ENGINEERING
It was moved and seconded to approve items one, two, and three. Dan identified numbering inconsistencies: NE 516, NE 529, and TM 529. The committee elected to table NE 535/TM 513 and NE 554/TM 535 in order to reconcile the listed prerequisites.

TECHNOLOGY MANAGEMENT
It was moved and seconded to approve items one and two. The motion passed unanimously, minus the tabled cross-listed courses.

UCC-17-028d   COLLEGE OF ENGINEERING
It was moved and seconded to approve UCC-17-028d. The motion passed unanimously.

Hearing no additional questions, Chairperson Hart closed the meeting. UCC will reconvene on March 6, 2017.

Grace Miller
UCC Secretary