

Department of Civil and Environmental Engineering (CEE)
Utah State University
Summary of Civil Curriculum Committee Actions

1. Fall 2010. Adjusted credit hours for ENGR 2010 Statics and ENGR 2140 Strengths of Materials from 2 credits to 3 credits for each class. This was a mandate from the Dean's office in order to articulate with all other pre-professional engineering programs in Utah. Was implemented beginning Fall 2011.
2. Fall 2010. CEE 3010 Mechanics of Materials was eliminated. Material from this course was placed in ENGR 2140 Strengths of Materials and CEE 3020 Structural Analysis which was increased from 2 to 3 credits to accommodate the new material. Was implemented Fall 2011.
3. Fall 2010. Eliminated CEE 3870, Professional and Technical Writing in CEE, 2 credits. Due to staffing issues. Replaced with ENGL 3080, Introduction to Technical Communications, 3 Credits. Was implemented Fall 2011.
4. Fall 2010. Sophomore Seminar, increased from 1 credit to 2 credits. Focus changed from general overview of civil engineering to computer programming as needed for new College numerical methods course, ENGR 2450. Intended to improve the problem solving and math skills of students. Implemented Fall 2010.
5. Fall 2010. Added ENGR 2450, Engineering Numerical Methods as requested by College, 3 credits. Intended to improve the problem solving and math skills of students. Implemented Spring 2010.
6. Spring 2011. Approved addition of a 1 credit Physics lab to accompany PHYS 2210. Approved change to provide valuable hands on experience and communication through reports. Was implemented Fall 2011.
7. Spring 2011. Require MGT 3110 Managing Organizations and People (3credits) as the university studies Depth in Social Science course. This course will improve student learning in the areas Business and Public Administration, Leadership, and Teamwork.
8. Fall 2011. Made optional CEE 3030, Uncertainty in Engineering Analysis, 3 credits and eliminated one required technical elective (3 credits). This reduction in overall credits was made to bring the curriculum more in line with other engineering programs.
9. Replaced ENGL 3080 with ENGR 3080, Technical Communication for Engineers. 3 credits. ENGL 3080 was a university service course and students were not able to enroll in the course prior to starting their Capstone Course. The college hired a full time faculty member to teach the course. We now have much more control over content and will be able to provide more writing opportunities and better learning environment. Implemented Spring 2014.
10. Spring 2013. Evaluated Capstone design course. Made ENGL 3080 a prerequisite to CEE 3880 (the first capstone course). This was to address a

perceived weakness in technical writing. In addition, there catalog descriptions were all revised to more effectively communicate the new outcomes. Rubrics were developed and given to students to clearly convey expectations. Started implementing Spring 2013.