

Action Plans for Construction Engineering Technology Program

Curriculum:

- Cohort: The Construction Engineering Technology Program is submitting materials approved by the faculty to Academic Council for moving to a Cohort system of student progression through the courses in the program. The faculty believe that the new system will better accommodate prerequisites and improve quality of instruction.
- Matriculation/Degree Requirements: The faculty have also planned/revised the first two years of coursework for the Construction and Architecture Engineering Technology programs. These changes which will also be submitted to the College and University Academic Councils will provide for a 'cross training' effect between the two programs. Construction students will benefit from additional CAD/Modeling courses, while the Architecture students will gain estimating and planning-scheduling competencies.
- Industrial Advisory Council (IAC) Continuous Feedback: The IAC, made up of the program's industrial stakeholders, is scheduled to meet formally twice a year. At these meetings we have the opportunity to share our outcomes-based course data/findings and receive feedback on industrial needs/requirements. Additionally, IAC members will now be invited to participate in evaluation of the Senior Capstone course.
- Calculus as a Requirement: The faculty have planned to reinstate required calculus in the Degree Plan (from optional technical elective). The faculty feel that this change will increase leveling rigor, comply with other engineering related programs, and advantage students seeking graduate education.

Student Involvement/Participation:

- Academic Scholarships: Student scholarships will now be offered twice annually. Our new Director has increased student applications from less than ten (Spring 2014) to over 150 applications for 33 scholarships in the Fall 2014 semester.
- Student Competitions: The CET Program is participating for the second straight year in the Associated Builders and Contractors (ABC) Construction management Marathon.
- Undergraduate Research: CET students are engaging in research with faculty and developing Thesis for the university's Honors College.
- Student Commons: Drawings are being prepared for remodeling space for students to gather, study, and prepare for classes in the Science and Technology Building.
- Industry Outreach Initiative: The CET Program has teamed with the University's Career Services function to plan and host periodic 'Lecture Series' of industry experts. The presentations conclude with a 'social' so that students and industry can communicate and network together.

Data Collection Methods:

- Partnership with Career Services Function: The CET Program is planning to utilize the University's career placement function for the following:
 - Clearing House for Job Announcements and Student Job Applications
 - Student Data Reporting
 - Senior Exit Surveys