

OFFICE OF ACADEMIC AFFAIRS
PROGRAM APPROVAL FORM



Undergraduate Graduate New Program Program Change

College: Engineering Department: Civil and Environmental Engineering

Program Title: Civil Engineering

Program Type: Major Minor Concentration Certificate

Total Credit Hours: 128 Effective Date: Spring 2017

Is the new program or change in existing program part of an accreditation requirement? *If so, please explain.* Yes No

No change to Total Credit Hours. CE 452 may be used to supplement one CE Technical Elective

Does this course involve academic units external to the originating college? *If so, deans of all colleges involved must sign this form.* Yes No

Attach a detailed description of proposed program to include the following: background information, academic justification, student need and demand, listing of courses with credit hour requirements or deletions, facility requirements, and any other pertinent information.

Department Chair: [Signature] Grad. Council: _____

College Dean: [Signature] Graduate Dean: _____

College Curriculum Committee: [Signature]

Undergrad Curriculum Cmte: _____ Provost: _____

Acknowledgements from other units:

Department Chair: _____ College Dean: _____

OFFICE OF ACADEMIC AFFAIRS
COURSE APPROVAL FORM
NEW COURSE



College: Engineering Prefix/Subject Code: CE Course Number: 452

Banner Title: Credit for Experiential Learning Credit Hours: 1 - 3 First Offered: Spring 2017
 (32 Characters)

Full Course Name: Civil Engineering Degree Credit for Experiential Learning

Instructional Method: Online Hybrid Classroom

Cross-listed: _____

Cross-listed courses must provide both graduate and undergraduate syllabi.

Prerequisites: Instructor Approval

Min. Grade: GPA of 2.3/4.0

Catalog Description: (300 Characters)

Students are engaged in research and creative projects as meaningful experiential learning opportunities. The course fosters cooperation between students and faculty in a research or creative endeavor, and enhances the students' education via active participation in a research, creative, or scholarly project.

Co-requisites: _____

Prerequisites with Concurrency: _____

Restrictions: Sophomore standing

Class, Level, Department, Program, College, etc.

Grading System: A-F S-U

Does this course involve multiple academic units in the originating college? Yes No
If so, the chair of each academic unit must sign this form.

Is this course to be added to Charger Foundations? Yes No
If so, the Charger Foundations committee must review this form.

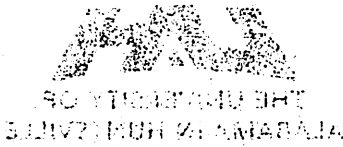
Does this course involve academic units external to the originating college? Yes No
If so, deans of all colleges involved must sign this form.

Is this a Laboratory course (stand alone or combined)? Yes No
If yes, indicate the number of credit hours for the lab and the number of contact hours.

Lab Hours: _____ Contact Hours: _____ Total Credit Hours: _____

Indicate type and hours for studio, clinical, internship, and study abroad courses.

- Studio Course Studio Hours: _____ Contact Hours: _____ Total Credit Hours: _____
- Clinical Course Clinical Hours: _____ Contact Hours: _____ Total Credit Hours: _____
- Internship Internship Hours: _____ Contact Hours: _____ Total Credit Hours: _____
- Study Abroad Abroad Hours: _____ Contact Hours: _____ Total Credit Hours: _____



OFFICE OF ACADEMIC AFFAIRS
 COURSE APPROVAL FORM
 NEW COURSE

College: Engineering Pre-Approval Code: CE Course Number: 485

Prerequisite(s): None Credit Hours: 3 First Offered: Spring 2017

Title: CE 485: Civil Engineering Degree Credit for Experiential Learning

Instructional Method: Traditional Classroom Online Hybrid Other

Course Description: Course description text; write your details and include learning objectives.

Prerequisite Approval: _____

Min. Grade: CFA or 2.5-3.0

Student Learning Objectives: 300 Operations

Students are engaged in research and creative projects as meaningful experiential learning opportunities. The course fosters a research or creative endeavor and involves the student's education via active participation in a research, creative, or scholarly project.

Co-requisites: _____

Prerequisites with Co-requisites: _____

Prerequisite or Co-requisite Standing: _____

Class Level: Department Program College etc.

Grading System: Pass/Fail Letter Grade

Does this course involve multiple sections in the originating college? Yes No

Is this course to be added to Charter Fundamentals? Yes No

Does this course involve academic units external to the originating college? Yes No

Is this a laboratory course (state name of equipment)? Yes No

Lab Hours: _____ Contact Hours: _____ Total Credit Hours: _____

Indicate type and hours for study abroad, internship, and study abroad courses.

Study Abroad	_____	Contact Hours	_____	Total Credit Hours	_____
Internship	_____	Contact Hours	_____	Total Credit Hours	_____
Clinical Course	_____	Contact Hours	_____	Total Credit Hours	_____
Studio Course	_____	Contact Hours	_____	Total Credit Hours	_____

Compare with existing catalog offerings, with justification if apparent overlap:

This course will not overlap with any existing courses.

Discuss demonstrated value of course. Please justify why this new course is needed.

The Civil and Environmental Engineering Program would like to make this course available for Credit by experiential learning. Many students show interest in having the chance to engage in student research and creative projects as a complement to their classroom education. The proposed course will provide a process and structure for offering civil engineering students academic credit for meaningful experiential learning opportunities. Allowing the students to do credit by experiential learning for this course fosters cooperation between students and faculty in a research or creative endeavor, and enhances the students' education via active participation in a research, creative, or scholarly project.

Will this course be required? Explain.

No. The course will be a technical elective.

Is this course part of a program core? Explain.

N/A

Is this course part of a new major or minor? Explain.

No.

Textbooks: N/A

Intended Instructors: Any CE Faculty Member

Implications for faculty workload: None

Implications for facilities: None

A detailed syllabus must be attached giving an overview of topics covered, course goals and structure, grading system, and policies.

Department Chair:  Grad. Council: _____

College Dean:  Graduate Dean: _____

College Curriculum Committee:  Undergrad Curriculum Cmte: _____

Charger Foundations: _____ Provost: _____

Acknowledgements from other units:

Department Chair: _____ College Dean: _____

Academic Policy on Civil Engineering Degree Credit for Experiential Learning

Purpose:

To provide a process and structure for offering civil engineering students academic credit for meaningful experiential learning opportunities. Students will be limited to 3 credit hours of experiential learning.

Program:

Undergraduate Research:

Eligibility: Completed 32 hours towards degree requirements. Exceptions may be made for uniquely qualified students.

Minimum grade point average of 2.3/4.0 must be maintained through graduation (per academic year). Although faculty may require higher GPAs.

Requirements: Students must complete a total of 3 credits of CE 452 to receive full credit and to use CE 452 as a CE technical elective. Each semester, students will be able to register for 1, 2 or 3 credits of CE 452 to complete the total 3 credit requirement. Registration for CE 452 will require permission of the instructor and CE 452 will be charged at full tuition/fee costs.

Students registered in CE 452 prior to completing the total 3 credit requirements, i.e. students registering for the first 1 or 2 credits of CE 452, will be required to submit a semester report of their work activities to the sponsoring faculty member and Department Chair to receive credit.

For students registering for a single 3 credit CE 452 course or for students registering for the final credit(s) to complete the 3 credit course requirement, a research proposal must be provided to the sponsoring faculty member(s) prior to the add/drop deadline (10th day of class from beginning of semester) for the semester. Additionally, students in the final semester of CE 452 are required to submit a mid-term report during the 7th week of the semester.

Finally, students must submit a final research paper (conference paper quality minimum) and give a presentation to the department's undergraduate committee to earn final credit. Honor's Thesis may be used for ENG 452 as appropriate.

Credit: Students can earn up to 3 credit hours for CE 452. The 3 credits of CE 452 will be used to supplement one CE technical elective.

Grade scale of A - F will be assigned for each semester based on satisfactorily completing the research activities/report requirements for CE 452.

Compensation: Students may be compensated by their faculty advisor at an hourly rate approved by the faculty advisor and the department chair, subject to availability, or the student may be unpaid.