CE 199E: INDEPENDENT STUDY TECHNICAL ELECTIVE

In Workflow

1. CE Committee Chair (fogarty@csus.edu)
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11. PeopleSoft (PeopleSoft@csus.edu)

Approval Path

1. Sat, 12 Oct 2019 03:22:57 GMT
   Julie Fogarty (fogarty): Approved for CE Committee Chair
2. Mon, 14 Oct 2019 18:01:23 GMT
   Benjamin Fell (fellb): Approved for CE Chair
3. Fri, 25 Oct 2019 16:33:10 GMT
   Troy Topping (troy.topping): Approved for ECS College Committee Chair
4. Fri, 25 Oct 2019 16:55:21 GMT
   Kevan Shafizadeh (kevan): Approved for ECS Dean

Date Submitted:Sat, 12 Oct 2019 03:20:15 GMT

Viewing:CE 199E : Independent Study Technical Elective

Last edit:Sat, 12 Oct 2019 03:20:13 GMT

Changes proposed by: Julie Fogarty (218645519)

Contact(s):

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Catalog Title:

Independent Study Technical Elective

Class Schedule Title:

Independent Study Tech Elec

Academic Group: (College)

ECS - Engineering & Computer Science

Academic Organization: (Department)

Civil Engineering

Will this course be offered through the College of Continuing Education (CCE)?

No

Catalog Year Effective:

Fall 2020 (2020/2021 Catalog)

Subject Area: (prefix)

CE - Civil Engineering

Catalog Number: (course number)

199E

Course ID: (For administrative use only.)

201109

Units:

3

In what term(s) will this course typically be offered?

Fall, Spring

Does this course require a room for its final exam?

No, final exam does not require a room

Does this course replace an existing experimental course?

No

This course complies with the credit hour policy:

Yes

Justification for course proposal:

Undergraduate CE courses are being renumbered to clarify course pre- and co-requisites and topic areas to help students plan their path to graduation. Prerequisites numbers (not courses) are being changed to reflect course number changes.

Course Description: (Not to exceed 80 words and language should conform to catalog copy.)

Individual project, research, or directed reading on an advanced topic. Admission requires departmental approval and sponsorship of a supervising faculty member. Can be used as a technical elective in the major. Consult the CE Department for admission procedures and other requirements. May not be repeated for credit.

Are one or more field trips required with this course?

No

Fee Course?

No

Is this course designated as Service Learning?

No

Does this course require safety training?

No

Does this course require personal protective equipment (PPE)?

No

Course Note: (Note must be a single sentence; do not include field trip or fee course notations.)

Open to only those students prepared and capable of carrying out independent work

Does this course have prerequisites?

Yes

Prerequisite:

GPA of 2.5 or greater in the upper division courses of the major; grade of "B" or better in the required major course associated with the proposed area of study (CE 130 or CE 140 or CE 150 or CE 160 or CE 170).

Prerequisites Enforced at Registration?

Yes

Does this course have corequisites?

No

Graded:

Letter

Approval required for enrollment?

Instructor Approval

Course Component(s) and Classification(s):

Independent Study

Independent Study Classification

S2/CS#36 - Independent Study/Field Work/Studio Instruction/Supervised Activity (S-factor=.333 WTU per student enrolled)

Independent Study Units

3

Is this a paired course?

No

Is this course crosslisted?

No

Can this course be repeated for credit?

No

Can the course be taken for credit more than once during the same term?

No

Description of the Expected Learning Outcomes: Describe outcomes using the following format: "Students will be able to: 1), 2), etc."

(1) Apply technical skills to solve technical problems, and/or
(2) Apply realistic design criteria and constraints, including economic and social
constraints in the solution of technical problems, and /or
(3) Design, execute, and analyze the results of engineering experiments.

Attach a list of the required/recommended course readings and activities:

CE199E (F19).doc

Assessment Strategies: A description of the assessment strategies (e.g., portfolios, examinations, performances, pre-and post-tests, conferences with students, student papers) which will be used by the instructor to determine the extent to which students have achieved the learning outcomes noted above.

All projects will include a written product. The most common formats will be a technical
report or a portfolio with a summary report (ELO 1-3).

Is this course required in a degree program (major, minor, graduate degree, certificate?)

No

Does the proposed change or addition cause a significant increase in the use of College or University resources (lab room, computer)?

No

Will there be any departments affected by this proposed course?

No

I/we as the author(s) of this course proposal agree to provide a new or updated accessibility checklist to the Dean's office prior to the semester when this course is taught utilizing the changes proposed here.

I/we agree

University Learning Goals

Undergraduate Learning Goals:

Competence in the disciplines
Intellectual and practical skills

Is this course required as part of a teaching credential program, a single subject, or multiple subject waiver program (e.g., Liberal Studies, Biology) or other school personnel preparation program (e.g., School of Nursing)?

No

GE Course and GE Goal(s)

Is this a General Education (GE) course or is it being considered for GE?

No

Key: 565