CE 1: CIVIL ENGINEERING SEMINAR

In Workflow

1. CE Committee Chair (fogarty@csus.edu)
2. CE Chair (merayyan@csus.edu)
3. ECS College Committee Chair (tongren.zhu@csus.edu)
4. ECS Dean (arad@csus.edu)
5. Academic Services (catalog@csus.edu)
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7. Dean of Undergraduate (gardner@csus.edu)
8. Catalog Editor (catalog@csus.edu)
9. Registrar's Office (k.mcfarland@csus.edu)
10. PeopleSoft (PeopleSoft@csus.edu)

Approval Path

1. 2026-09-28T23:16:53Z
   Julie Fogarty (fogarty): Approved for CE Committee Chair
2. 2026-09-29T20:31:50Z
   Saad Merayyan (merayyan): Approved for CE Chair
3. 2026-10-16T16:34:11Z
   Tongren Zhu (tongren.zhu): Approved for ECS College Committee Chair
4. 2026-10-16T17:00:03Z
   Behnam Arad (arad): Approved for ECS Dean

History

1. Jan 30, 2020 by Julie Fogarty (fogarty)
2. Jun 8, 2022 by 302822325

Date Submitted: 2026-09-28T22:40:34Z

Viewing: CE 1 : Civil Engineering Seminar
Formerly known as: CE 1A
Last approved: Wed, 08 Jun 2022 14:01:14 GMT
Last edit: 2026-09-28T22:40:32Z

Changes proposed by: Julie Fogarty (218645519)

Contact(s):

Name (First Last)	Email	Phone 999-999-9999
Julie Fogarty	fogarty@csus.edu	916-278-7335

Catalog Title:
Civil Engineering Seminar

Class Schedule Title:
Civil Engineering Seminar

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 2027 (2027/2028 Catalog)

Subject Area: (prefix)
CE - Civil Engineering

Catalog Number: (course number)
1

Course ID: (For administrative use only.)
203300

Units:
1

Is the ONLY purpose of this change to update the term typically offered or the enforcement of existing requisites at registration?
No

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

Does this course require a room for its final exam?
Yes, final exam requires a room

This course complies with the credit hour policy:
Yes

Justification for course proposal:
CE 1 currently serves both freshmen and transfer students entering the major. These two groups have disparate needs that could be better addressed through a two course sequence - CE 1L for native students interested in learning more about the major and CE 1 for transfers & native students at the junior level. CE 1L will provide hands-on activities, CE lab visits, and visits to field sites on or near campus (i.e. E.A. Fairbairn Water Treatment Plant on the west edge of campus, Sac State low impact developments, etc.) to get students excited about a career in civil engineering as they're working their way through difficult lower division math and science courses. CE 1 will meet native students at the junior level and those transferring in already knowing they want to complete their degree in civil engineering with content that will support them in their efforts to choose appropriate electives for their career aspirations, consider graduate school, prepare for internships, understand the professional licensure path while interacting with our strong industry connection through a handful of guest speakers/roundtable discussions.

This course, in combination with CE 4, was used to satisfy GE Area E: Understanding Personal Development. This GE area has been removed with the new GE/GR requirements.

Course Description: (Not to exceed 90 words and language should conform to catalog copy.)
Introduces students to the civil engineering profession. Topics include civil engineering career options, ethical codes and conduct, and professional licensure. Case studies and engagement with practicing civil engineers are used to explore both technical and nontechnical aspects of civil engineering projects such as design and environmental constraints, constructability, and social and political issues.

Are one or more field trips required with this course?
No

Fee Course?
No

Is this course designated as Service Learning?
No

Is this course designated as Curricular Community Engaged Learning?
No

Does this course require safety training?
No

Does this course require personal protective equipment (PPE)?
No

Does this course have prerequisites?
Yes

Prerequisite:
Junior Status

Prerequisites Enforced at Registration?
Yes

Does this course have corequisites?
No

Graded:
Letter

Approval required for enrollment?
No Approval Required

Course Component(s) and Classification(s):
Lecture

Lecture Classification
CS#05 - Seminar (K-factor=1 WTU per unit)
Lecture Units
1

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 and Assessment Strategies:

List the Expected Learning Outcomes and their accompanying Assessment Strategies (e.g., portfolios, examinations, performances, pre-and post-tests, conferences with students, student papers). Click the plus sign to add a new row.

	Expected Learning Outcome	Assessment Strategies
1	Describe the professional and ethical responsibilities of Civil Engineers.	Writing assignments, networking with industry professionals
2	Demonstrate the ability to communicate effectively and understand the importance of effective communications in Civil Engineering practice.	Writing assignments, networking with industry professionals
3	Describe the benefits and impacts of engineered infrastructure in a global, economic, environmental, and societal context.	Writing assignments, networking with industry professionals
4	Recognize the need and skills required for engaging in life-long learning.	Writing assignments, networking with industry professionals
5	Identify contemporary issues in Civil Engineering.	Writing assignments, networking with industry professionals

Attach a list of the required/recommended course readings and activities:
CE 1 Syllabus Fall 2027.docx

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

Has a corresponding Program Change been submitted to Workflow?
Yes

Identify the program(s) in which this course is required:

Programs:
BS in Civil Engineering

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
Knowledge of human cultures and the physical and natural world
Intellectual and practical skills
Personal and social responsibility
Integrative learning

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

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

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

No

Key: 566