

CE 267: STRUCTURAL SYSTEMS FOR BUILDINGS

In Workflow

1. CE Committee Chair (j.garcia@csus.edu)
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10. Registrar's Office (w lindsey@csus.edu)
11. PeopleSoft (PeopleSoft@csus.edu)

Approval Path

1. Sat, 17 Sep 2022 22:01:06 GMT
Jose Garcia (j.garcia): Approved for CE Committee Chair
2. Sun, 18 Sep 2022 00:26:22 GMT
Ghazan Khan (khan): Approved for CE Chair
3. Fri, 07 Oct 2022 19:31:37 GMT
Masoud Ghodrat Abadi (abadi): Rollback to CE Chair for ECS College Committee Chair
4. Fri, 07 Oct 2022 19:58:04 GMT
Ghazan Khan (khan): Approved for CE Chair
5. Fri, 14 Oct 2022 16:18:58 GMT
Masoud Ghodrat Abadi (abadi): Approved for ECS College Committee Chair
6. Fri, 14 Oct 2022 16:46:10 GMT
101010646: Approved for ECS Dean

Date Submitted: Thu, 15 Sep 2022 21:28:07 GMT

Viewing: CE 267 : Structural Systems for Buildings

Last edit: Fri, 07 Oct 2022 19:49:04 GMT

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:

Structural Systems for Buildings

Class Schedule Title:

Structurl System Building

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 2023 (2023/2024 Catalog)

Subject Area: (prefix)

CE - Civil Engineering

Catalog Number: (course number)

267

Course ID: (For administrative use only.)

107701

Units:

3

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?

Spring term only - even years

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:

Updating course description to more appropriate wording - content has not substantially changed. Prerequisites added to ensure "design" content in course description can be addressed in this course. Students must have knowledge of individual member design in order to design at the systems level (CE 163 and CE 164). Replacing CE 266 (CE 266 previous course number was CE 232) with CE 166 as undergraduate level comprehension of seismic behavior is sufficient for success in this course. Due to the frequency of course offerings, it is difficult to ensure students are able to take CE 266 prior to CE 267.

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

Analysis and design of structural systems for buildings including frames, shear walls, and tubes; interaction between structural systems; secondary effects including geometric and material nonlinearities.

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:

CE 163, CE 164, and CE 166; or equivalent

Prerequisites Enforced at Registration?

No

Does this course have corequisites?

No

Graded:

Letter

Approval required for enrollment?

No Approval Required

Course Component(s) and Classification(s):

Seminar

Seminar Classification

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

Seminar 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 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	Apply California Building Code and ASCE 7 Criteria to determine design loads on a structure.	Homework Projects Exams
2	Calculate the load path and distribution of forces in a structure.	Homework Projects Exams
3	Analyze criteria to determine allowable structural systems for buildings based on use and occupancy.	Homework Projects Exams
4	Analyze existing buildings and apply building code criteria for repairs and additions to existing buildings.	Homework Projects Exams

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

CE 267 syllabus Spring 2022-1.pdf

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

Graduate (Masters) Learning Goals:

Critical thinking/analysis
Communication
Disciplinary knowledge
Professionalism

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 Graduate Writing Intensive (GWI) course?

No

Reviewer Comments:

Masoud Ghodrat Abadi (abadi) (Fri, 07 Oct 2022 19:31:37 GMT): Rollback: See email.

Key: 584