


CEE - 780 - Advanced Reinforced Concrete Structures

2 Graduate Course Create 2019-20


I. Course Information


****Read before you begin****

TURN ON help text before starting this proposal by clicking  in the top right corner of the heading. You will need to turn on help text again after any actions that refresh the page including after saving proposals.

FILL IN all fields, including all required fields (marked with an *). You will not be able to launch the proposal without completing required fields.

LAUNCH proposal by clicking  in the top left corner.

Finish the launch of your proposal by clicking the icon  located in the Proposal Toolbox on left side at top. Make your decision, comment is optional, and click on "Make decision".

You can check the status of the proposal by clicking  in Proposal Toolbox to verify that the proposal has gone to the next step.

College/
Department*

Civil and Environmental Engineering and Construction

Prefix:*

CEE

Number:*

780

Is a new Prefix
being suggested? Yes No

Suggested Prefix

Long Course
Name:* Advanced Reinforced Concrete Structures

Short Course
Name:* Advanced Reinforced Con. Struc

Tips

avoid the use of the words student, course, and covers
incomplete sentences are ok
avoid repeating the course title
(50 words max)

Catalog Description* Advanced principles and design methods for reinforced concrete structures. Moment-curvature relations for reinforced concrete sections, confined concrete beams and columns, limit analysis and design of beams, two-way slabs, flat plates, beam-column joints, and shear walls.

First Term Course Offered* Spring 2019

Explanation for Course Create* The proposed course has been taught in the past under "CEE 795 Special Topics". This course, however, has been recently decided by the department as one of the core graduate courses for graduate students majoring in structural engineering. It is therefore needed to create a permanent course number and title for this course.

II. Catalog Information

Will this be an experimental (x) course?* Yes No

Has this course number been used previously as an Experimental (X) course? Yes No

If yes, X-Course Prefix

X-Course Code

Program(s) impacted by this new course* M.S.E. and Ph.D. with a focus on structural engineering

Substantive changes will necessitate a Program Change form be submitted.

Detail the changes to the program catalog entry required due to the creation of this course.* The proposed course has been taught in the past under "CEE 795 Special Topics". This course, however, has been recently decided by the department as one of the core graduate courses for graduate students majoring in structural engineering. It is therefore needed to create a permanent course number and title for this course.

Fixed/Variable Credits* Fixed Variable

If fixed, enter number of credits. If variable, enter minimum and maximum credits (E.g., 1-3)

Number of Credits 3

Course is Repeatable* Yes
 No

If yes, the maximum number of credits that may be earned is

Grading System* Letter Grade
 S/U
 S/F
 Thesis/Dissertation

Is this a Special Topics course?* Yes No

Sub-topic(s)

Are topics repeatable? Yes No

If yes, number of credits

Prerequisites

Corequisites

Anti-requisites

Does this course have any non-credit components? Yes No

If yes, indicate component(s)

- Clinical
- Discussion
- Field Studies
- Independent Study
- Internship
- Laboratory
- Lecture
- Practicum
- Research
- Seminar
- Supervision
- Thesis Research

Will this course be listed as the 'same as' another course?* Yes No

If yes, list the course

Indicate the instructional modes that should be available for scheduling*

- In Person Supplemental Web
- Field Study
- Hybrid
- Independent Study
- In Person
- Television
- Web-based
- Web-based w/ on/off campus meeting

III. Evaluation of Library Resources

This section is completed by course developer—indicate library resources that will be needed to support this course

Will this course creation require changes to library resources?*

- Yes No

Please indicate library resources that will be needed to support students taking this course*

- Core journals
- Core books (not required texts)
- Electronic resources (e.g., databases, videos, media, etc.)

Critically needed journals for this subject area:

ACE Structural Journal

Core books needed:

Electronic Resources:

This section is completed by the librarian.

Level of support the Library can provide

Library Comments

IV. Syllabus

A syllabus in Word or PDF format must accompany this form.

Graduate syllabi must meet the minimum criteria as required by the Provost's office (See Semester Memo under Executive Vice President and Provost Policies and Forms <http://www.unlv.edu/policies>). Graduate courses that are linked to undergraduate courses (300/500 and 400/600 level joint courses) must clearly state in the syllabus how the class experience and expectations are different for graduate students, what additional requirements students enrolled in the graduate level course must fulfill, and how the grading scale will be applied to graduate students.

Attachments List

Please attach any required files by navigating to the Proposal Toolbox and clicking  in the top right corner.

Attached Attached
syllabus*

V. Department Vote Information

Date faculty voted on proposal October 9, 2018

Result of vote (Number of yes/no/abstention votes) Sixteen faculty out of 20 were present in the meeting and everybody voted for the course proposal

Manner of vote (online, in-person, etc.) In-Person

VI. Unit Vote Information

Date faculty voted on proposal

Result of vote (Number of yes/no/abstention votes)

Manner of vote (online, in-person, etc.)

VIII. Implementation and Processing

PS Processing Notes

**PS Processing
Date**

Initials

**Aalog Processing
Notes**

**Aalog
Processing Date**

Initials

Attachments for CEE - 780 - Advanced Reinforced Concrete Structures

CEE 780 Syllabus.pdf (uploaded by Pramen Shrestha, 10/4/2018 9:55 am)

Comments for CEE - 780 - Advanced Reinforced Concrete Structures

Curriculog	11/2/2018 9:38 pm Reply
Hui Zhao has approved this proposal on Associate Dean for Graduate Studies/ Dean.	
Curriculog	11/2/2018 4:56 pm Reply
System Administrator Ashley Weckesser has restarted the Associate Dean for Graduate Studies/ Dean step as a result of participants being added to or removed from the step.	
Curriculog	11/2/2018 4:55 pm Reply
Hui Zhao was added to the Howard R. Hughes College of Engineering Associate Dean for Graduate Studies/ Dean role.	
Curriculog	11/2/2018 9:18 am Reply
Hui Zhao has approved this proposal on School/College Committee.	
Curriculog	10/23/2018 1:32 pm Reply
CEEC Chair has approved this proposal on Graduate Coordinator/Department Chair.	
Curriculog	10/23/2018 1:09 pm Reply
CEEC Graduate Coordinator has approved this proposal on Graduate Coordinator/Department Chair.	
Curriculog	10/22/2018 12:39 pm Reply
CEEC Chair has approved this proposal on Graduate Department Curriculum Committee.	
Ashley Weckesser	10/17/2018 12:56 pm Reply
Need to include a syllabus that contains academic policies and a sample course schedule that include topics and assignments and their due dates that will be addressed in each class session for the semester.	
Curriculog	10/17/2018 12:56 pm Reply
Ashley Weckesser has approved this proposal on Technical Review.	
Pramen Shrestha	10/10/2018 4:32 pm Reply
This course is required for MSE and PhD students and is approved by the CEEC faculty.	

Curriculog

10/10/2018 4:32 pm [Reply](#)

Pramen Shrestha has approved this proposal on Originator.

Curriculog

10/10/2018 4:31 pm [Reply](#)

Pramen Shrestha has launched this proposal.