

CEE - 727 - Transportation Safety

2 Graduate Course Create 2021-22

I. Course Information

The faculty member originating this proposal is to complete sections I,II, III, and IV.

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, importing information, or running impact reports.

FILL IN ONLY fields required marked with an *. You will not be able to launch the proposal without completing the required fields.

Department*

Civil and Environmental Engineering and Construction

Prefix:*

CEE

Number:* 727

Is a new Prefix being suggested? Yes No

Suggested Prefix

Long Course Name:* Transportation Safety

Short Course Name* Transportation Safety

Tip: 25 characters max. for short name (abbreviations are acceptable if needed)

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*

Explores various transportation system safety considerations; stakeholders and interest groups; in-depth analyses of selected transportation safety topics; quantifying risk and safety outcomes; data elements and sources; evaluation and enhancement processes and practices; causal factors, treatments / countermeasures and their effectiveness; societal and economic impacts. Includes Differential Fees.

Is this course a culminating experience?* Yes No**If Yes, to which programs?****First Term Course Offered*****Explanation for Course Create***

We hired a new faculty and he created this course in his area of expertise, which is lacking in our department. The course related to transportation safety has not been offered in our department, so the demand for this course is high. The impact of this course will be on the PhD, MSE, and MST degrees, who are specializing in the transportation engineering. After this course is approved, it will be included in the list of course, PhD and MSE students in the area of transportation area are required to take.

Are you adding a Service-Learning designation to this course?* Yes No

If the Service-Learning designation is being added to this course:

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 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.

Please attach a current syllabus by navigating to the Proposal Toolbox and clicking  in the top right corner.

Information about Service-Learning is available [here](#). Faculty can visit the [faculty Service-Learning page](#) as well as the [UNLV Guide for Service Learning](#) for additional information.

If adding Service-Learning designation, syllabus is attached Attached

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*
PhD in Civil Environmental Engineering
MSE in Civil and Environmental Engineering
MS in Transportation

Tip (note): A Program Change form will need to be submitted to add the new course into a program.

Detail the changes to the program catalog entry required due to the creation of this course.*
This course will be listed in the course to be taken by PhD and MSE students in the area of transportation and MST students

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
 Thesis/Dissertation

Is this a Special Topics course? Yes No

Sub-topic(s)

Are topics repeatable? Yes No

If yes, number of credits

Prerequisites CEEC Graduate Standing

Corequisites

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

- CROSS-LISTING / Same As, will this course be:***
- Same As=Undergraduate: same content and same career (UG/UG). Graduate: Same/similar course content and same career (Grad/Grad)
 - Cross-listing= Cross-listed courses contain the same or similar content and may be in different programs (eg., WMST 497 & SOC 497) or different careers (e.g., BIOL 467 & BIOL 667 or PSC 722 & PHIL 728)
 - Not Cross-Listed or Same As

If yes, list the course

If yes, please include below the rationale for crosslisting, answering to the following questions:

- 1) What aspect of graduate preparation is met via this course that goes beyond the undergraduate program?
- 2) What common aspects are offered in the crosslistings and what grad level pieces are not?
- 3) What would be beneficial in offering the crosslisted courses from a graduate education perspective?

Crosslisting Rationale:

Indicate the instructional modes that should be available for scheduling*

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

Differential fees required for this course? (if yes, please clarify on explanation field above)

- Yes No

III. Evaluation of Library Resources

A. This section is completed by the faculty member originating this proposal—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:

Core books needed:

Electronic Resources:

3. LAUNCH proposal by clicking  in the top left corner.

4. 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.

B. This section is completed by the librarian.

Level of support the Library can provide

Marginal

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 <https://www.unlv.edu/policies/current-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 syllabus* Attached

V. Department Vote Information

Note: This section is to be filled out by the Department Chair on behalf of the committee.

(The role has been assigned to the corresponding person on this step. If incorrect, please notify GradCurriculum@unlv.edu)

1. Review the proposal. Discuss and make appropriate revisions.
2. Fill in vote information.
3. Then go to the proposal toolbox at the top right side. Click on  and select the corresponding decision for the committee. This will enable the proposal to go to the next person on the workflow.

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

Date faculty voted on proposal 1/26/2021


Result of vote 17/0/0
(Number of
yes/no/abstention
votes)

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

VI. Unit Vote Information

Note: This section is to be filled out by the College Committee Chair on behalf of the committee.

(The role has been assigned to the corresponding person on this step. If incorrect, please notify GradCurriculum@unlv.edu)

1. Review the proposal. Discuss and make appropriate revisions.
2. Fill in vote information.
3. Then go to the proposal toolbox at the top right side. Click on  and select the corresponding decision for the committee. This will enable the proposal to go to the next person on the workflow.

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

**Date faculty voted
on proposal**

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

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

VIII. Processing Notes (Graduate College/Registrar Use Only)

PS Processing Notes

PS Processing Date 04/13/2021

Initials EJ

**Acalog Processing
Notes**

Aalog Processing 04/13/2021
Date

Initials EJ

Comments for CEE - 727 - Transportation Safety

Curriculog	4/13/2021 12:09 pm Reply
This proposal has been completed.	
Curriculog	4/13/2021 12:09 pm Reply
REG Curriculum has approved this proposal on Implementation: Catalog and PeopleSoft.	
REG Curriculum	4/13/2021 12:08 pm Reply
PS & Acalog done. 4/13/2021. EJ	
Curriculog	4/5/2021 8:24 am Reply
Emily Lin has approved this proposal on Graduate College Dean.	
Curriculog	4/2/2021 10:36 am Reply
James Navalta has approved this proposal on behalf of Graduate Course Review Committee. See Graduate Course Review Committee 3-24-2021 for more information.	
Curriculog	4/2/2021 8:44 am Reply
Graduate Curriculum has approved this proposal on Graduate Course Review Committee.	
Curriculog	2/25/2021 10:19 pm Reply
Mohamed Trabia has approved this proposal on School/College Associate Dean/ Dean.	
Melissa Morris	2/22/2021 3:12 pm Reply
College Committee Voted unanimously to approve this proposal via email on 2/22/21	
Curriculog	2/22/2021 3:12 pm Reply
Melissa Morris has approved this proposal on School/College Committee.	
Curriculog	2/22/2021 10:29 am Reply
CEEC Chair has approved this proposal on Department Chair.	

Curriculog

2/22/2021 10:01 am [Reply](#)

CEEC Graduate Coordinator has approved this proposal on Graduate Coordinator.

Curriculog

2/19/2021 11:02 am [Reply](#)

Graduate Curriculum has approved this proposal on Technical Review.

CEEC Graduate Coordinator

2/18/2021 1:19 pm [Reply](#)

We have revised according to your comments

Curriculog

2/18/2021 1:19 pm [Reply](#)

CEEC Graduate Coordinator has approved this proposal on Originator.

Graduate Curriculum

2/1/2021 4:40 pm [Reply](#)

- Please review and clarify rationale for course create, how does the new course impact the curriculum? what is the demand for the new course? how course differs from any other analytics course?

- Please review suggestive revised description. If satisfactory, no action needs to be taken, simply approve the proposal once again. Otherwise please re-edit and approve with comments.

- Please review and adjust syllabus to reflect points above, also please include further topics or topic examples in the syllabus.

For help and assistance please contact gradcurriculum@unlv.edu

Curriculog

2/1/2021 4:40 pm [1 Reply](#) | [Reply](#)

Graduate Curriculum has rejected this proposal on Technical Review.

CEEC Graduate Coordinator

2/18/2021 1:19 pm

- We have revised the section "Explanation for creating the course" based on your comments

- We accept your revised description for this course.

- We have adjusted syllabus to reflect the points you made in the description.

Curriculog

1/28/2021 6:38 pm [Reply](#)

CEEC Graduate Coordinator has approved this proposal on Originator.

Curriculog

1/28/2021 1:49 pm [Reply](#)

CEEC Graduate Coordinator has launched this proposal.