



SOUTH DAKOTA BOARD OF REGENTS  
ACADEMIC AFFAIRS FORMS  
New Course Request

SDSU

College of Engineering/Civil & Environmental Engineering

Pre-requisites or Corequisites

Prefix & No.	Course Title	Pre-Req/Co-Req?
None		

Registration Restrictions

None
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**Section 2. Review of Course**

2.1. Will this be a unique or common course?

Unique Course

Prefix & No.	Course Title	Credits
CEE 363	Highway & Traffic Engineering	3
CEE 467567	Transportation Engineering	3
CEE 468568	Highway Engineering	3

Provide explanation of differences between proposed course and existing system catalog courses below:

The proposed course will cover topics that are depth compared to CEE 363, CEE 467567, and CEE 468568. CEE 768 will cover content related to the processing and analysis of transportation specific data. The data is presented in CEE 363, CEE 467567, and CEE 468568 without a full covering of how the data were derived from raw data. CEE 768 Transportation Data Analysis and Safety will cover topics that are increasingly important in modern transportation network design as there is significantly more data available. The data available is complex and is processed in different manners to create knowledge necessary to design a safe and efficient transportation network and can be used to determine the advantage or disadvantage of different solutions such as roundabout versus at top versus signalized intersections.

**Section 3. Other Course Information**

3.1. Are there instructional staffing impacts?

No. Schedule Management, explain below: This course will be offered in alternating years.

This course has been offered twice as a special topics course CEE 792

3.2. Existing program(s) in which course will be offered: Civil Engineering (M.S. & Ph.D.)

- 3.3. Proposed instructional method by university:R - Lecture
- 3.4. Proposed delivery method by university:001 – Face to Face Term Based Instruction
- 3.5. Term change will be effective:Fall 2022
- 3.6. Can students repeat the course for additional credit? Yes, total credit limit: No
- 3.7. Will grade for this course be limited to S/U (pass/fail)? Yes No
- 3.8. Will section enrollment be capped? Yes, max per section:10 No
- 3.9. Will this course equate (i.e., be considered the same course for degree completion) with any other unique or common courses in the common course system database in Colleague and the Course Inventory Report? Yes No
- 3.10. Is this prefix approved for your university? Yes No

**Section 4. Department and Course Codes (Completed by University Academic Affairs)**

- 4.1. University Department Code:SCEE
  - 4.2. Proposed CIP Code:14.0804
- Is this a new CIP code for the university? Yes No

**NEW COURSE REQUEST**  
**Supporting Justification for On-Campus Review**

10.