

# C E 581: Transportation Engineering II

Advanced topics in transportation engineering and management with emphasis on intermodal facilities; physical design and traffic management; measures of system effectiveness and performance; environmental and social impacts; Intelligent Transportation System (ITS) technologies; applications of remote sensing and spatial technologies and GIS; economic evaluation of alternatives; computer modeling and simulation.

3 Credits

## Prerequisites

• Pre-requisite: C E 481 (or Graduate Standing)

#### Instruction Type(s)

Lecture: Lecture for C E 581

#### **Subject Areas**

- <u>Civil Engineering, General</u>
- Transportation and Highway Engineering

### **Related Areas**

- <u>Civil Engineering, Other</u>
- Geotechnical and Geoenvironmental Engineering
- <u>Structural Engineering</u>
- Water Resources Engineering

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