

# C E 581: Transportation Engineering II Civil Engineering

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)
- Prerequiste: Junior standing (60 hr).

## Instruction Type(s)

• Lecture: Lecture for C E 581

## **Subject Areas**

- Civil Engineering, General
- Transportation and Highway Engineering

#### **Related Areas**

- Civil Engineering, Other
- Geotechnical and Geoenvironmental Engineering
- Structural Engineering
- Water Resources Engineering

