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)
- Prerequisite: 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, General
- Geotechnical and Geoenvironmental Engineering
- Structural Engineering
- Transportation and Highway Engineering
- Water Resources Engineering