

C E 481: Transportation Engineering I

Civil Engineering

Major transportation modes and their characteristics; mechanics of motion; geometric and intersection design; traffic flow theory; probabilistic methods; capacity analysis; planning models; environmental impact analysis; economic evaluation; Intelligent Transportation System (ITS) and computer applications.
3 Credits

Prerequisites

- [C E 207: Surveying](#) \$target.descriptions.MinimumGrade\$
- Pre-Requisite: 24 Earned Hours

One-way corequisites

- [Math 353: Elementary Differential Equations](#)
- [Engr 310: Engineering Analysis I](#)

Instruction Type(s)

- Lecture: Lecture for C E 481

Course Fee(s)

Civil Engineering 2

- \$100.00

Subject Areas

- [Civil Engineering, General](#)
- [Transportation and Highway Engineering](#)

Related Areas

- [Civil Engineering, Other](#)
- [Geotechnical and Geoenvironmental Engineering](#)
- [Structural Engineering](#)
- [Water Resources Engineering](#)

