

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
- C E 208: Civil Engineering Graphics I

Instruction Type(s)

• Lecture: Lecture for C E 481

Subject Areas

- Civil Engineering, General
- Transportation and Highway Engineering

Related Areas

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