

## **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

- <u>C E 207: Surveying</u> \$target.descriptions.MinimumGrade\$
- <u>C E 208: Civil Engineering Graphics I</u> \$target.descriptions.MinimumGrade\$

## Instruction Type(s)

• Lecture: Lecture for C E 481

#### **Subject Areas**

- Civil Engineering, General
- Transportation and Highway Engineering

#### **Related Areas**

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

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