

# C E 431: Soil Mechanics I

Testing and identification of soils, saturated flow through earth structures, stress distribution in soils, consolidation, and settlement; shear strength of soils; earth pressure, slope stability, and shallow foundation problems.

#### 3 Credits Prerequisites

- Engr 312: Mechanics of Materials
- Pre-Requisite: 24 Earned Hours

### Instruction Type(s)

• Lecture: Lecture for C E 431

# **Subject Areas**

- <u>Civil Engineering, General</u>
- Geotechnical and Geoenvironmental Engineering

# **Related Areas**

- Civil Engineering, Other
- <u>Structural Engineering</u>
- Transportation and Highway Engineering
- <u>Water Resources Engineering</u>

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