C E 431: Soil Mechanics I

CIVIL ENGINEERING

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

Instruction Type(s)

- Lecture: Lecture for C E 431

Course Fee(s)

Civil Engineering 2

- $100.00 when booked for:
  - Spring, Second Spring, May, Full Summer, First Summer, Second Summer, August 2016-17
  - Fall, First Fall, Second Fall, Winter, Spring, First Spring, Second Spring 2017-18

Subject Areas

- Civil Engineering, General
- Geotechnical and Geoenvironmental Engineering

Related Areas

- Civil Engineering, General
- Geotechnical and Geoenvironmental Engineering
- Structural Engineering
- Transportation and Highway Engineering
- Water Resources Engineering