

# Engr 340: Engineering Geology

Introduction to properties and mechanics of earth materials: rock, soils and groundwater. Weathering and soil-forming processes. Geophysical methods. Hazards including mass wasting, subsidence, expansive soils, floods and earthquakes. Earth dams and dam foundations.

3 Credits

#### **Prerequisites**

- Phys 211: Physics for Science & Engineering I
- Math 262: Unified Calculus & Analytic Geometry II (Minimum grade: C)
- <u>Chem 105: General Chemistry I</u> (Minimum grade: C)
- Co-Requisites: Phys 211 or Phys 213

## Instruction Type(s)

• Lecture/Lab: Lecture/Lab for Engr 340

#### Course Fee(s)

Geology

• \$50.00

### Subject Areas

Engineering, General

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