

## **G E 440: Rock Mechanics**

### **GEOLOGY & GEOLOGICAL ENGINEERING**

The physical and engineering properties of rocks and rock-like materials; classification, strength, deformation, hydraulic aspects, geostresses, effects of discontinuities, and geological structures. Geological engineering application to geotechnics, petroleum, and mining problems and design. (2 lecture, 2 lab hours).

3 Credits

#### **Prerequisites**

- [Engr 340: Engineering Geology](#)
- Prerequisite: Junior standing (60 hr).

#### **One-way corequisites**

- [Engr 309: Statics](#)

#### **Instruction Type(s)**

- Lecture/Lab: Lecture/Lab for G E 440

#### **Course Fee(s)**

##### **Geology**

- \$100.00

##### **Geology 1**

- \$125.00

#### **Subject Areas**

- [Geological/Geophysical Engineering](#)

