

## **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](#)

### **One-way corequisites**

- [Engr 309: Statics](#)

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

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

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

#### **Geology**

- \$50.00
- \$100.00

### **Subject Areas**

- [Geology/Earth Science, General](#)
- [Geological/Geophysical Engineering](#)
- [Geological Engineering](#)

