

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](#) \$target.descriptions.MinimumGrade\$

One-way corequisites

- [Engr 309: Statics](#)

Instruction Type(s)

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

Course Fee(s)

Geology

- \$100.00

Subject Areas

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

