

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

• \$100.00

Subject Areas

- <u>Geology/Earth Science, General</u>
- Geological/Geophysical Engineering
- <u>Geological Engineering</u>

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