G E 540: Rock Mechanics

Geology & Geological Engineering

Survey of engineering properties and behaviors of rock mass system components. Reconstruction and visualization of internal structure of system domains. Classifications of rock masses. Role of environmental variables in system behavior. Modeling system behavior as equivalent continuum and simplified discontinuum. Design of basic rock engineering structures.

4 Credits

Prerequisites

- Engr 309: Statics
- Engr 340: Engineering Geology (Minimum grade: C)

Instruction Type(s)

- Lecture/Lab: Lecture/Lab for G E 540

Course Fee(s)

Geology 1

- $125.00

Subject Areas

- Geological/Geophysical Engineering

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