

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 \$target.descriptions.MinimumGrade\$
- 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

<u>Geological/Geophysical Engineering</u>

The University of Mississippi is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award certificates and baccalaureate, master's, specialist, and doctoral degrees. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097, call 404-679-4500, or visit online at www.sacscoc.org for questions about the accreditation.

