



## EGR 124: Soils and Foundations

This course introduces students to geotechnical engineering. Engineering soil properties, mass/volume relationships, soil classification systems, and site exploration methods are included. In addition, structural foundations are explored. Three lecture hours a week.

### Course Student Learning Outcomes

1. Determine engineering soil properties. 2. Calculate mass-volume-weight relationships for soils. 3. Produce and interpret grain size distribution curves for soils. 4. Classify soils for design and construction purposes using standard soil classification systems. 5. Identify various types of structural foundations.

**Credits:** 3

**Program:** Engineering