

# CVET 202C : Soil Mechanics and Foundation Design

This course deals with the fundamentals of soil mechanics. Topics covered include moisture-density relations, mechanical and chemical gradation properties, basic shear strength theory, permeability, and compression. Lecture topics will be supplemented by field observations and lab work. On completion of this course, students will understand the essential elements of soil mechanics theory such that it may parlay into practical applications.

**Credits** 3

**Lab/Practicum/Clinical Hours** 2

**Lecture Hours** 2

**Prerequisite Courses**

ARET 150C

CVET 220C