

COLLEGE OF CHEMISTRY COURSE GUIDE (../INDEX.HTML)

MAJORS (../MAJOR.HTML) LIST OF COURSES (COURSES.HTML)

RESOURCES (../RESOURCES/RESOURCE.HTML)

STUDENT LIFE (../STUDENTLIFE/ORGS.HTML)

CIVE 175 - GEOTECHNICAL AND GEOENVIRONMENTAL ENGINEERING (3 UNITS)

(Taken from the UC Berkeley Course Guide (<http://guide.berkeley.edu>))

COURSE OVERVIEW

SUMMARY

Soil formation and identification. Engineering properties of soils. Fundamental aspects of soil characterization and response, including soil mineralogy, soil-water movement, effective stress, consolidation, soil strength, and soil compaction. Use of soils and geosynsynthetics in geotechnical and geoenvironmental applications. Introduction to site investigation techniques. Laboratory testing and evaluation of soil composition and properties.

PREREQUISITES

CIVE C30/MECHE C85 ([civec30.html](#)) (may be taken concurrently). UC Berkeley Course Guide ([cive100.html](#))>CIVE 100 is recommended</p> <h2>Workload</h2> <h3>Time Commitment</h3> <p>3 hours of lecture and 2 hours of laboratory per week.</p>

 <p><a href=)

COLLEGE OF CHEMISTRY PEER SERVICES

Made by Angela Lee, c/o 2019



(<https://www.facebook.com/CalStateSB/>) (<https://twitter.com/CalStateSB>) (<https://www.calstate-sb.edu/ugrad/curr>

lang=en) students/peer-

advising