

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

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CIVE 111L - WATER AND AIR QUALITY LABORATORY (1 UNIT)

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

COURSE OVERVIEW

SUMMARY

This laboratory course is designed to accompany the lecture topics in Civil Engineering 111. Each laboratory activity will provide an opportunity to understand key concepts in water and air quality through hands-on experimentation. Laboratory topics include phase partitioning, acid/base reactions, redox reactions, biochemical oxygen demand, absorption, gas transfer, reactor hydraulics, particle destabilization, disinfection, and combustion emissions.

PREREQUISITES

CIVE 111 ([cive111.html](#)) (may be taken concurrently)

Fall only

WORKLOAD

TIME COMMITMENT

1 hour of lecture and 3 hours of laboratory per week.

COLLEGE OF CHEMISTRY PEER SERVICES

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