

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

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## **MSE 112 - CORROSION (CHEMICAL PROPERTIES) (3 UNITS)**

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

### **COURSE OVERVIEW**

#### **SUMMARY**

Electrochemical theory of corrosion. Mechanisms and rates in relation to physiochemical and metallurgical factors. Stress corrosion and mechanical influences on corrosion. Corrosion protection by design, inhibition, cathodic protection, and coatings.

#### **PREREQUISITES**

Engineering 45 and Engineering 115

Spring only

#### **WORKLOAD**

#### **TIME COMMITMENT**

3 hours of lecture per week.

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

## COLLEGE OF CHEMISTRY PEER SERVICES

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