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

MATH 185 - INTRODUCTION TO COMPLEX ANALYSIS (4 UNITS)

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

COURSE OVERVIEW

SUMMARY

Analytic functions of a complex variable. Cauchy's integral theorem, power series, Laurent series, singularities of analytic functions, the residue theorem with application to definite integrals. Some additional topics such as conformal mapping.

PREREQUISITES

MATH 104 (math104.html)

WORKLOAD

TIME COMMITMENT

3 hours of lecture per week.

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

COLLEGE OF CHEMISTRY PEER SERVICES

Made by Angela Lee, c/o 2019

f   **🐦**   **🔗**

(https://w(htw.fsc.ebtwdottopscom(eadh_suyebnxtr)cey.edu/ugrad/curr

lang=en) students/peer-

advising