

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

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MATH 126 - INTRODUCTION TO PARTIAL DIFFERENTIAL EQUATIONS (4 UNITS)

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

COURSE OVERVIEW

SUMMARY

Waves and diffusion, initial value problems for hyperbolic and parabolic equations, boundary value problems for elliptic equations, Green's functions, maximum principles, a priori bounds, Fourier transform.

PREREQUISITES

MATH 53 ([math53.html](#)) MATH 54 ([math54.html](#))

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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