

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

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NUCE 180 - INTRODUCTION TO CONTROLLED FUSION (3 UNITS)

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

COURSE OVERVIEW

SUMMARY

Introduction to energy production by controlled thermonuclear reactions. Nuclear fusion reactions, energy balances for fusion systems, survey of plasma physics; neutral beam injection; RF heating methods; vacuum systems; tritium handling.

PREREQUISITES

PHYS 7C (phys7c.html)

Fall only

WORKLOAD

TIME COMMITMENT

3 hours of lecture per week.

CHOOSING THE COURSE

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

COLLEGE OF CHEMISTRY PEER SERVICES

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