

Course Syllabus

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University of California, Berkeley

Physics 137A – Fall 2018 LEC 001

GENERAL INFORMATION

Lecture Section:

MWF 9-10 AM; 4 LeConte Hall

Instructor:

Prof. Irfan Siddiqi

331 Birge Hall

Telephone: 510-642-5620

email: irfan@berkeley.edu (mailto:irfan_siddiqi@berkeley.edu)

Office Hours:

W 3:00-4:30 251 LeConte Hall (Starting 8/22/2018)

Teaching Assistants:

Ven Chandrasekaran

Office Hours: W 10:00am-12:00pm 4th Floor Old LeConte Hall (Berkeley Center for Theoretical Physics)

Pratik Rath

Office Hours: F 11:00am-1:00pm 4th Floor Old LeConte Hall (Berkeley Center for Theoretical Physics)

Discussion Sections: (Starting week of 8/27/2018)

PHYSICS 137A 101 DIS

Location: M 2-3P, 20 Barrows

PHYSICS 137A 102 DIS

Location: Tu 2-3P, Northgate 105

Subjects:

Quantum Mechanics at the Level of Bransden & Joachain (Ch. 1-6)

Texts:

REQUIRED: "Quantum Mechanics"

Bransden & Joachain, 2nd Edition

Prentice Hall

RECOMMENDED: "Introduction to Quantum Mechanics" by David Griffiths

Problem Sets:

One problem set per week, on average.

The problem sets will be posted every Friday on bcourses.berkeley.edu, and are due the following Friday at 5pm. **No exceptions.** Late problem sets will be accepted at the discretion of the GSIs and are subject to an automatic 10% grade reduction for each day late. The lowest problem set score will be dropped. The first problem set will be posted 8/31/2018 (or slightly earlier given the holiday) and will be due the following Friday, 9/7/2018.

Exams:

There will be one midterm covering approximately Ch 1-4 and one final exam covering all topics in the course.

The midterm is during the week of October 15th 2018 @ 6 pm, Day TBD.

The final exam will be on Thurs December 13th 2018, 7–10 pm (Group 16)

Grading:

Problem Sets 30%






Midterm 30%

Final Exam 40%

Website:

Log into bcourses.berkeley.edu (<http://bspace.berkeley.edu/>) using your CalNet/Student ID and Passphrase.

Course Summary:

Date	Details
	 HW 1 (https://bcourses.berkeley.edu/courses/1474923/assignments/7924601)
	 HW 2 (https://bcourses.berkeley.edu/courses/1474923/assignments/7924602)
	 HW3 (https://bcourses.berkeley.edu/courses/1474923/assignments/7928630)
	 HW5 (https://bcourses.berkeley.edu/courses/1474923/assignments/7934056)
	 Midterm (https://bcourses.berkeley.edu/courses/1474923/assignments/7934146)