

Physics 401 Fall 2016 v6 10/06/2017

Professor

Chris Lobb

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Phone: 301-405-6130 office, 202-601-7789 home (before 9:30 pm)

Office: Toll Physics Building 1364. The easiest way to get there is through the entrance to the Center for Nanophysics and Advanced Materials in the courtyard between the math and physics buildings. After entering, turn right, go down the hallway, and then turn right again to go up the stairs.

TAs

Yukari Yamauchi, Toll Physics Building 0104; Siddhartha (Sid) Harmalkar, Atlantic 4229 (right next to the Physical Sciences Complex).

Office Hours

Chris MThF 1-2, Yukari T 11-12, Sid W 3-4.

Course Goal

To learn the foundations of quantum mechanics, primarily by covering the 1st half of *Griffiths* (Chaps. 1-4).

Class Schedule

Hours: MWF 10-10:50, PHYS 1201; W: 11 - 11:50, ESJ 2212

Credits

4

Prerequisites

PHYS371 and PHYS373

Required Text

David Griffiths, *Introduction to Quantum Mechanics* 2nd Edition (ISBN: 0-13-111892-7). The first edition of this book should not be used.

Course Website

<http://elms.umd.edu>

Homework

Assignments will be posted on ELMS approximately weekly, due in one week, hardcopy in class. No late homework will be accepted, but your lowest homework grade will be dropped.

Exams

Quizzes: There will be announced in-class quizzes, as often as once per week. They will often be homework problems. There will be no makeup quizzes, but your lowest quiz grade will be dropped.

Hour exams: September 29, 10-10:50 and November 15, 10-10:50.

Final: The final exam date will be announced

Grading

Homeworks: 15%

Quizzes: 30%

Hour exams: 30%

Final: 25%

Tips for Failing

Don't read the book.

Skip the homework.

Copy the homework from friends or from the web.

Work on physics only on the nights before the exams.

Don't ask questions in class or during office hours

Academic Dishonesty and Other Student Conduct Policies

<http://www.ugst.umd.edu/courserelatedpolicies.html>