

QUANTUM MECHANICS I, PHYS 273
FALL 2020, Course Syllabus

Instructor: Valeri Kotov

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Lectures: Mondays, Wednesdays and Fridays 2:20 pm-3:10 pm,
in LAFAYE L311

Office hours: Mondays, Wednesdays, 3:30-5:00 pm, via TEAMS, or
by appointment

Textbook: “Introduction to Quantum Mechanics,”
by David J. Griffiths and D.F. Schroeter,
3-rd edition, Cambridge Univ. Press, 2018

or, “Introduction to Quantum Mechanics,”
by David J. Griffiths, 2-nd edition, Prentice-Hall, 2005

They are practically the same, so it doesn't matter
which one you are using.

Prerequisites: Phys 128 (Waves & Quanta; Intro to Modern Physics)
Phys 211 (Classical Mechanics)

Topics: This is the first semester of a two-semester sequence
of quantum mechanics. The course includes the
foundation and explanatory framework of much of
modern physics. We will cover the first five chapters
of Griffiths (and more, time permitting).

Grades: Grades in this course will be assigned as follows:

- 50% Homework (assigned usually on bi-weekly basis, on Fridays) and several Quizzes.
- 15% Midterm Exam
- 25% Final Exam
- 10% Class Participation