

QUANTUM MECHANICS I, PHYS 273
FALL 2022, Course Syllabus

Instructor: Valeri Kotov

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Lectures: Tuesdays and Thursdays, 10:05 am-11:20 pm,
in OMANEX A304

Office hours: Tuesdays, 3:00-5:00 pm, 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.

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

- 50% Homework
- 15% Midterm Exam
- 25% Final Exam
- 10% Class Participation