QUANTUM MECHANICS I, PHYS 273

FALL 2018, Course Syllabus

Instructor: Valeri Kotov

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Lectures: Mondays, Wednesdays and Fridays 8:30 am-9:20 am, in Waterman 402

Office hours: Mondays 2:00-4:00 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 (and more, time permitting).
Important Dates: Midterm Exam, October 19, Friday, details TBA
Final Exam, 13-DEC-2018, Thursday,
7:30-10:15, WATERM 402

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

- 35% Homework (assigned usually on bi-weekly basis, on Fridays; typically due the following Friday, in class)
- 15% Quizzes (in class, perhaps every 2-3 weeks or so)
- 15% Midterm Exam
- 30% Final Exam
- 5% Class Participation