

PHYS 274
QUANTUM MECHANICS (Applications)

Spring 2021

Instructor: Valeri Kotov

Office: STEM Innovation E207
E-mail: Valeri.Kotov@uvm.edu
Phone: (802) 656-4548

Lectures: Tuesdays, Thursdays, 10:05 am - 11:20 am,
in INNOV E432

Office hours: Fridays, 1:00 pm - 3:00 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. (I personally have the 2-nd
edition)

Prerequisites: Phys 273 (Quantum Mechanics I)

Topics: This is the second semester of a two-semester
sequence. The course discusses applications of

Quantum Mechanics. We will cover Chapters 6-10 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).
- 15% Midterm Exam
- 25% Final Exam
- 10% Class Participation