

Introduction to Quantum Physics

PHY B56 - Fall 2021

"I think I can safely say that nobody understands quantum mechanics"

- Richard Feynman

Requirements

- **Calculator** A scientific, non-programmable, and non-graphing calculator is required.
- **Textbook** *Introduction to Quantum Mechanics* by David J. Griffiths (Cambridge, 3rd Ed.)

The schedule provided at the end of this document indicates the chapters and sections you must read before the release of each lecture video. The textbook also provides the conceptual questions and de-

After the end of each tutorial session a set of problems and questions derived from the discussions will be made available. Each student will then be required to

Copyright notice

The lectures of this course will be recorded on video and will be available to students in the course for remote viewing. Course videos and all additional course materials, including all assignments and various assessment instruments, belong to your instructor, the University, and/or other sources depending on the specific facts of each situation, and are protected by copyright. Do not download, copy, or share any course materials or videos without the explicit permission of the instructor.

Absences

In order to ensure fairness in the assessment of all students, there will be no default makeup options for any term work. In the case of a valid and documented problem that supports a missed assignment the grade will be calculated on the basis of all other submitted work. In the case of a valid and documented problem that supports an absence to the first test, the second test will have its weight increased accordingly. In the case of a valid and documented problem that supports an absence to the second test, the final examination will have its weight increased accordingly.

Exceptional circumstances requiring a makeup test would be reviewed on a case-by-case basis. Any resulting makeup tests will be scheduled as oral examinations to be conducted via Zoom.

All valid and documented absences must be declared through either the Absence Declaration in ACORN and the DPES Self-declaration Absence Form, and the onus is fully on the student to contact promptly the course instructor. Additionally, absences that are the result of a non-COVID health-related problem must be documented with a completed Verification of Illness or Injury form. Please note that you might be required to provide additional supporting documentation to your instructor.

Academic Integrity and Respect for the Academic Endeavor

Academic integrity is essential to the pursuit of learning and scholarship in a university, and to ensuring that a degree from the University of Toronto is a strong signa

Class Curriculum

This schedule is tentative and might change during the term in order to accommodate for variations in the lectures in response to student performance and understanding of the various topics.

Please note that it is your responsibility to read the assigned sections before watching each lecture video and completing the respective reading quiz.

The lecture videos will not be a direct repetition of the basic material found in the textbook. Instead, we will concentrate on important and difficult aspects of the theory and concepts from your textbook readings. A minimum understanding of the basic concepts from the assigned readings will be the assumed starting point for each lecture video. As a result, failing to complete the textbook readings before watching each lecture video will significantly affect your ability to understand the material presented.

Date	Lecture	Lecturer & Discussion