

Introduction to Quantum Mechanics

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This course will introduce the student to non-relativistic quantum mechanics.

Pre-requisites: Prior study of Modern Physics and Linear Algebra.

Required textbook: “Quantum Mechanics,” by Amit Goswami.

Course structure:

- 30 lectures will be presented. The slides are available at <http://www-hep.phys.unm.edu/~seidel/VEF/>.
- There is one homework set of 5 problems associated with every two lectures.
- A special session dedicated to active collaborative solving of homework problems will be held after every second lecture.
- Students will examine the foundations of the topic by constructing one original homework-style problem at the conclusion of every fourth lecture.
- Quizzes and exams will be offered as necessary, and will be taken by the students with books and notes open.