

PHYS 303 Quantum Mechanics I

Fall 2024

Schedule: Tuesday 15:40 – 16:30 FENS L047, 16:40 – 17:30 FENS L035 (Recitation), Thursday 12:40 – 14:30 FENS G015

Textbook: Introduction to Quantum Mechanics, D. J. Griffiths, Pearson 1995.

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Grading:

- Midterm 1 (25 %)
- Midterm 2 (25 %)
- Midterm 3 (25 %)
- Homework (25 %)

Exam Dates:

- Midterm 1: 31 October 12:40 – 14:30
- Midterm 2: 5 December 12:40 – 14:30
- Midterm 3: 31 December 15:40 – 16:30

Topics

- The Wave Function
- Time – Independent Schrödinger Equation
- Formalism
- Quantum Mechanics in Three Dimensions
- Identical Particles