

PHYS 532 Quantum Mechanics II

Spring 2024

Schedule: Monday 15:40 – 17:30 FASS G043, Tuesday 12:40 – 13:30 FASS G049

Textbook: Modern Quantum Mechanics (Revised Edition), J. J. Sakurai, Addison Wesley Longman 1994.

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Grading

- Midterm 1 (30 %)
- Midterm 2 (30 %)
- Midterm 3 (30 %)
- Class Participation (10 %)

Exam Dates

- Midterm 1: 18 March
- Midterm 2: 29 April
- Midterm 3: 27 May

Topics

- Symmetry in quantum mechanics
- Approximation methods
- Identical particles
- Scattering theory