

PHYS 531 Quantum Mechanics I

Fall 2020

Schedule: Monday 08:40 – 10:30, Tuesday 08:40 – 09:30

Zoom Meeting ID: <https://sabanciuniv.zoom.us/j/96226267004>

Passcode: 324582

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

Instructor: Zafer Gedik, E-mail: gedik@sabanciuniv.edu, Phone: (216) 483 9610

Grading:

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

Take – Home Exam Dates:

- Midterm 1: 2 November 08:40 (Week 5)
- Midterm 2: 7 December 08:40 (Week 10)
- Final: 4 January 08:40 (Week 14)

Topics

- Fundamental Concepts (Week 1 – 2)
- Quantum Dynamics (Week 3 – 5)
- Theory of Angular Momentum (Week 7 – 13)