

PHYS 532 Quantum Mechanics II

Spring 2023

We may have to revise the course plan according to the countrywide reassessment to be made regarding higher education. This is expected to happen at the beginning of April. The content to be delivered is certain but the method of course delivery, the number and dates of exams, and some other details are subject to change.

Schedule: Monday 15:40 – 17:30 FENS G015, Tuesday 12:40 – 13:30 FASS G049

Join Zoom Meeting

Meeting ID: 992 1858 8823

Passcode: 027266

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

Instructor: Zafer Gedik, E-mail: gedik@sabanciuniv.edu, Phone: (216) 483 96 10

Grading

- Midterm I (1/2)
- Midterm II (1/2)

Exam Dates

- Midterm I: 10 April
- Midterm II: 29 May

Topics

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