

Course Coverage (PSO201A):

Eisberg and Resnick(Quantum Physics, 2nd Ed.):

Chapter 1: Entire chapter

Chapter 2: From Section 2-1 up to 2-6

Chapter 3: Entire Chapter

Chapter 4: Sections 4-5 and 4-6

Chapter 5: Entire Chapter

Chapter 6: Entire Chapter

Chapter 7: From Sections 7-1 up to 7-7

Appendix I and Appendix N

R. Shankar (Principles of Quantum Mechanics, 2nd Ed.):

Chapter 1 : Sections 1.1, 1.2, 1.3, 1.4, 1.5, 1.6, 1.8,1.10

Chapter 4: Section 4.1 and 4.2

Chapter 5: Section 5.1

Chapter 7: Section 7.1, 7.2 and 7.3

D. J. Griffiths (Intro to Quantum Mechanics, 2nd Ed.):

Chapter 2 : Sections 2.5 and 2.6

Chapter 6: Section 6.1

For practice:

- Work-out solved examples from the above mentioned sections
- Work-out solved examples from D. J. Griffiths: Chapter1 – Chapter 4 and also the Appendix.