

PHYS4701/6701 Fall Semester 2009

Period 3: 10:10am - 11:00am MWF Room 327

Professor Mon, Room 223D

Office Hours:

Monday : 9:00am - 10:00am

Wednesday : 11:05am - 11:30am

Appointment can be made for other times.

Professor Mon can be reached at 542-3454.

Primary means of communication is to meet with Professor Mon after class or at office hours.

Federal law prohibits discussion of student record without positive identification. This excludes common use of telephone and email.

Attendance is mandatory but no roll will be taken.

There will be two tests and a final exam.

All tests will be closed book and closed notes.

Academic honesty will be strictly enforced.

All students are expected to take all 2 tests and final exam.

The dates will be announced in class.

Excused absence from a test must be documented and the student will take a makeup test.

Students are forbidden to discuss the content of a test til the solutions have been posted.

Grading Policy:

30% of test average + 20% of final exam + 50% of homework = 100%

The letter grade will be assigned as:

A = 90 to 100

A- = 87 to 89

B+ = 83 to 86

B = 80 to 82

B- = 73 to 79

C+ = 66 to 72

C = 56 to 65

D = 50 to 55

F = 0 to 49

Standard rounding will be used for the final numerical grade. For example, 89.4999 will be 89 and A-, but 89.5 will be 90 and A.

There are no exception to these assignments.

All withdrawal will be processed in accordance with University policy as stated in the undergraduate bulletin. For withdrawals before the midpoint, a grade of "W" will be assigned for all cases. Students are expected to attend all classes but no record of attendance will be taken.

The textbook is:

"Introduction to Quantum Mechanics, Second Edition"
by David J Griffiths (Pearson/Prentice Hall, 2005).

Homework assignment:

Frequent homework assignments will be distributed and due at announced date. Late homework will not be accepted and counted as zero. Lowest homework grade will be dropped. Lecture attendance is mandatory and all homework must be handed in to me in class. Since solving problem is central to learning physics, homework will be graded and contribute toward your final grade. Learning from your peer can be valuable and encouraged but plagiarism is forbidden.

To receive credit, students must show that it is their own work by explaining the reasoning for the solution in a neat and legible manner.

Course Schedule:

We will attempt to cover chapters 1,2,3, and 4.
If we have time, parts of chapter 5 may be considered.

Chapter 1: The Wave Function.
Chapter 2: Time-Independent Schrodinger Equation.
Chapter 3: Formalism.
Chapter 4: Quantum Mechanics in Three Dimensions.
Chapter 5: Identical Particles.

There will be two tests. The date will be announced in class.
The final exam is in Dec.