PHYS4702/6702 Spring Semester 2010
Period 3: 10:10am - 11:00am MWF Room 302

Professor Mon, Room 223D

Office Hours:
Monday : 1:15pm - 2:00pm
Wednesday : 1:15pm - 2:00pm
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.
Attendances are mandatory but no roll will be taken.

There will be two tests and no 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.
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 + 70% 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 withdrawals 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 attendances are mandatory and all homeworks must be submitted in class. Since solving problems are central to learning physics, homeworks will be graded and contribute toward your final grade. Learning from your peers 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 4, 5, 6, 7 and 8. Chapter 9 may be considered as time permits.

Chapter 4: Quantum Mechanics in Three Dimensions.
Chapter 5: Identical Particles.
Chapter 6: Time-Independent Perturbation Theory.
Chapter 7: The Variational Principle.
Chapter 8: The WKB Approximation.
Chapter 9: Time-Dependent Perturbation Theory.

There will be two tests. The dates will be announced in class.