

Physics 3313 "Introduction to Modern Physics", Spring-2011, MW 1:00-2:20 pm, SH105  
Instructor: Dr. Suresh C Sharma, (817) 272-2470, [sharma@uta.edu](mailto:sharma@uta.edu), Office Hours: Friday, 2-4 pm, CPB-335, <http://www.uta.edu/physics/main/faculty/sharma/index.html>

Textbook: "Modern Physics for Scientists and Engineers" Thornton & Rex (3rd edition)  
Introduction to quantum mechanics and discussion of selected results from atomic, molecular and condensed matter physics. Prerequisite: PHYS 1288 or 1444, and MATH 2325 or 2425.

Grades will be weighted as: HW=15%, 2 out of 3 exams (25% each, 50% total), comprehensive Final (35%) All HW and Exams will be given by using UT Homework Website, <http://quest.cns.utexas.edu/student>. You need UT EID and a Password (the website can create a Password for you). The Course Number is 20740.

Assignments/Attendance/Conduct: Attendance in the class is very important. It is your responsibility to keep yourselves fully informed with the subject matter and announcements made in the class. No make-up assignments will be given. Exception will be made only in the case of required participation in the university-sponsored events and in the case of an emergency, for which you must provide documentation, like a note from your physician. You must be on time for the class, as well as for scheduled exams. As soon as someone finishes an exam and walks out, thereafter no one else will be allowed to come in and begin taking the exam. Non-scholastic disruptions will not be tolerated. Cell phones must remain turned-off during the class. No recording of lectures is permitted.

Academic Dishonesty: It is the philosophy of the University that academic dishonesty is a completely unacceptable mode of conduct and will not be tolerated in any form. All persons involved in academic dishonesty will be disciplined in accordance with university regulations and procedures. Discipline may include suspension or expulsion from the University. "Scholastic dishonesty includes but is not limited to cheating, plagiarism, collusion, the submission for credit of any work or materials that are attributable in whole or part to another person, taking an examination for another person, any act designed to give unfair advantage to a student or the attempt to commit such acts."

Disabilities: UTA is on record as being committed to both the spirit and letter of federal equal opportunity legislation; reference Public law 93112-The Rehabilitation Act of 1`973 as amended. With the passage of new federal legislation entitled Americans with Disabilities Act – (ADA), pursuant to section 504 of the Rehabilitation Act, there is renewed focus on providing this population with the same opportunities enjoyed by all citizens. As a faculty member, I am required by law to provide "reasonable accommodation" to students with disabilities, so as not to discriminate on the basis of that disability. Student responsibility primarily rests with informing faculty at the beginning of the semester and in providing authorized documentation through designated administrative channels.

Physics Clinic (SH-007) is a useful (free) resource for help with homework. It is open M-F from 11 am to 6 pm and on Sat from 12 noon to 6 pm.

#### Library Information

Jason Neal is the Physics Librarian. He can be reached at (817) 272-2698 and by email at [jrneal72@uta.edu](mailto:jrneal72@uta.edu)