Instructor: Prof. F. Robicheaux  
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Grader: Guodong Jiang  
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Prerequisites: Physics 344 and 410.

Text: Required: *Introduction to Quantum Mechanics, 2nd Ed.* By David J. Griffiths  
Recommended: (I haven’t used these but they seem to be commonly assigned)  
*A Modern Approach to Quantum Mechanics* by John S. Townsend  
*Quantum Physics* by Stephen Gasiorowicz (advanced undergrad level)  
*Principles of Quantum Mechanics.* by R. Shankar (graduate level)

Website: [http://www.physics.purdue.edu/~robichf/class.htm](http://www.physics.purdue.edu/~robichf/class.htm)  
This site will have the class notes, homework, test dates, solutions, etc. Links to other info as well.

Homework: Homework will be due each Tues before midnight. Homework turned in after I arrive Wed morning will be worth ½ credit. Homework turned in Thurs will be worth ¼ credit. Homework turned in after Thurs will be graded but worth 0 credit. I strongly suggest you not look at the answers before turning in homework. Copying solutions from other students or from the web violates academic honesty.

Oral: There will be a 15 minute oral examination every other week based on assigned homework. Problems will be randomly chosen and you will work them on my white board. You will be able to use my textbook.

Grading: Homework 10%, Oral 10%, 2 Midterms 25% each, Final 30%

Topics: See class web page for likely emphasis.