

## Course Information PY 401 - Fall 2008

Physics 401 (Quantum Mechanics I) provides an introduction to quantum mechanics intended for undergraduate students in physics or engineering.

1. **Lecture:** TTh 10:15-11:30, RID315  
Instructor: T. Schaefer, Office RID-400, Phone 513-7199  
email: Thomas\_Schaefer@ncsu.edu  
Office hours: W 2:00-4:00 and by appointment.
2. **Homework:** Most thursdays a set of homework problems will be assigned. (You can also check the website.) The homework is due thursday the following week at 11:30am. No late homework will be accepted.
3. **Exams:** There will be two midterm exams, some quizzes, and a final.
4. **Grade:** Your final grade will be determined by weighting the various portions of the course as follows:

Midterms:	30%
Quizzes:	10%
Final:	30%
Homework:	30%
5. **More Information:** Additional information related to the course is available at <http://wonka.physics.ncsu.edu/~tmschae/> .
6. **Textbook:** (required) Quantum Mechanics by Phillip Peebles, Princeton University Press. Supplemental Material:
  - Introduction to Quantum Mechanics, by David Griffiths, Benjamin Cummings. A popular undergraduate text book. Not as well thought out as Peebles, but a little more structured.
  - Modern Quantum Mechanics, by J. J. Sakurai, Addison Wesley. Not a good text book, but very useful supplement for both undergraduate and graduate students.
  - Principles of Quantum Mechanics, by R. Shankar, Springer. A little more challenging, and frequently used as a graduate textbook. Very well written and good for self study.