Course Information PY 402 - Spring 2009

Physics 402/502 (Quantum Mechanics II) 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: Th 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. The lowest homework grade will be dropped.

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/~tmschaef/` .

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 good as Peebles, but a little simpler (and shorter).
   - 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.