Quantum Mechanics
PHYSICS 851/852, FALL 2000 / SPRING 2001
http://www.nscl.msu.edu/~pratt/phy851

Instructor: Scott Pratt
#204 Cyclotron Lab, 333-6438, pratt@nscl.msu.edu

Text
Modern Quantum Mechanics, J.J. Sakurai, Addison-Wesley 1994

Lecture
Monday-Wednesday-Friday, 10:20 AM - 11:10 AM, 317 Physics/Astronomy
Physics 851: First Lecture: August 28, Last Lecture: December 8
Physics 852: First Lecture: January 8, Last Lecture: April 27

Final Exam
Physics 851: Thursday, December 14, 10:00 AM - 12:30 PM
Physics 852: Monday, April 30, 7:45 AM - 10:15 PM

Topics
Physics 852: Second Quantization, Advanced Topics in Angular Momentum, Isospin, Cooper Pairs, Quantum Hall Effect, Dirac and Klein-Gordon Equations.

Grading and Homework
Homework will be handed in every Friday. Homework will be due at 5:00 PM on Friday, and should be put into the TAs mail box. Quizzes will be administered every Friday that homework is due, at the end of class, and typically will consist of one problem which is quite similar to the homework. Homework will account for 20% of the overall grade, quizzes for 40%, and the final exam will account for the remaining 40%. The lowest two quiz grades will not be counted when calculating grades. No makeup quizes will be administered and late homework will suffer a 25% penalty.