Physics 9994, Preliminary Exam Preparation
Spring Semester 2015

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Office Hours: M 2:30-5:30pm; T 10:00am-noon; W,F 2:00-3:00pm
You are welcome to stop by at other times.

We will meet on Wednesdays and Fridays from 3:00-4:00pm, in Barton Hall, room A202.

The Physics Preliminary Exam covers undergraduate physics and the graduate courses Mathematical Physics I, Classical Mechanics, Electromagnetic Theory I & II, Quantum Mechanics I & II, and Statistical Mechanics. The exam is intended to ensure that students beginning thesis research have a good working knowledge of basic physics. This can be acquired by analyzing and solving a broad range of problems. In this course we will solve problems from previous exams and do extra work in areas where it seems advisable.

The final grade will be entirely based on homework, which will be due each week on Fridays before class. Dishonest work will result in a grade of zero on that assignment.

In past years the composition of the Physics Comprehensive Exam has consisted of
Mathematical Physics 2 questions
Classical Mechanics 2 questions
Electromagnetic Theory 2 questions
Quantum Mechanics 2 questions
Statistical Mechanics 2 questions
Thermodynamics 1 question
Modern or Experimental Physics 1 question