

# 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