

# Physics 6455: Quantum field theory, I

Fall 2008

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<b>Course web page</b>	<a href="http://www.phys.vt.edu/~ersharpe/6455/index.html">http://www.phys.vt.edu/~ersharpe/6455/index.html</a>
<b>Office hours</b>	TBA, and by appointment
<b>Texts</b>	<i>An introduction to quantum field theory</i> , by M. Peskin and D. Schroeder; <i>Quantum field theory</i> , second edition, by L. H. Ryder; my lecture notes (availability TBA); and the optional text: <i>Quantum field theory in a nutshell</i> , by A. Zee.
<b>Class meets</b>	Tues, Thurs 2:00 - 3:15 pm in Robeson 122

**Homework:** Homework will be assigned once every week. Assignments will usually be listed on the course web page, in addition to being given in class. Students may work together on the problem assignments, but each must turn in solutions written entirely by himself or herself.

**Tests and exams:** There will be 2 tests and a final exam.

**Grading:** Each test counts 100 points, the final exam counts 100 points, and your cumulative homework score is scaled to a maximum of 400 points. Your final grade is based on the total number of points accumulated out of 700. Remember that doing homework (by the assigned deadlines) is by far the best way to prepare for tests.

**Deadlines:** The deadline to drop a class without penalty is Oct 3.

**Final exam:** Will be held on Wednesday Dec 15, from 1:05 - 3:05 pm.

As a general rule of thumb, it is far, far easier to keep up than to catch up. If you have questions about the material that are not answered during class, by all means, feel free to see me. You may have also heard this advice in undergraduate classes, but in grad school, where classes go much faster and cover more, this advice goes double.