

# Physics 4674/5674G: Introduction to General Relativity

## Spring 2012

<b>Instructor</b>	Eric Sharpe
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<b>Course web page</b>	<a href="http://www.phys.vt.edu/~ersharpe/5674">http://www.phys.vt.edu/~ersharpe/5674</a>
<b>Office hours</b>	TBA, and by appointment
<b>Text</b>	<i>Spacetime and geometry: an introduction to general relativity</i> , by S. Carroll (Addison-Wesley, 2004)
<b>Class meets</b>	MW 4:00 - 5:15 pm in Robeson 122

**Homework:** Homework will be assigned once every week. Assignments will be listed on the course web page. 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 200 points, and your cumulative homework score is scaled to a maximum of 100 points. Your final grade is based on the total number of points accumulated out of 500. 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 Feb 27.

**Final exam:** Scheduled for Monday May 7, from 7:45 - 9:45 am. For the schedule see [https://banweb.banner.vt.edu/ssb/prod/hzskexam.P\\_DispenExamInfo](https://banweb.banner.vt.edu/ssb/prod/hzskexam.P_DispenExamInfo)

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.