

Special Relativity
Physics 216 Spring 2004

Instructor: Prof. Éanna Flanagan, Newman 329 or Space Sciences 606,
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Lectures: 8:00 - 8:50am Tuesdays and Thursdays, Rockefeller 110. Lectures will run from Tuesday January 27 through Thursday February 26.

Office Hours: 1:30pm-2:30pm Wednesdays in 606 Space Sciences.

Grader: Michael Weinberger is the grader for this course. His email is mlw33@cornell.edu and his office phone is x54790.

Web Page: Information relevant to the course (handouts, problem sets, etc.) can be found on the web page
<http://www.astro.cornell.edu/~flanagan/ph216/>

Homework: Homework sets will be handed out once a week on Thursdays, and will be due the following Thursday. Except in special circumstances, late homeworks will be docked 10 percent for each day of lateness, and no credit will be given after the solutions have been handed out. Each student in this course is expected to abide by the Cornell University Code of Academic Integrity (<http://web.cornell.edu/UniversityFaculty/Docs/AIC.pdf>). The policy on homework collaborations is explained in a separate handout.

Exams: There will be one quiz and a final exam, which is tentatively scheduled for 7:30pm on Thursday, March 4. The course grade will be 40% based on the homework, 15% on the quiz, 35% on the final exam, and 10% on class participation. Grades in this course are S/U only.

Textbook: The textbook is *An Introduction to Mechanics* by D. Kleppner and R. Kolenkow, McGraw-Hill, 1973, available in the bookstore. We will be covering chapters 11 - 14 of this book. Another useful book is *Introduction to Special Relativity* by James H. Smith, Dover, 1996. This book has been placed on reserve at the physical sciences library. It's also available from amazon.com for \$8.