

Oberlin College Physics 110, Fall 2011

## Assignment 11

Wednesday, 23 November

*Workshops:* In honor of Thanksgiving, there is no Wednesday–Thursday workshop this week.

*Problems:* Due Wednesday, 30 November. These problems come from the “Notes on Mechanics and Relativity,” pages 144–147.

- Problem 1: *A trip to the grocery store*
- Problem 3: *Engine trouble*
- Problem 4: *Relativistic baking*
- Problem 5: *Spy versus spy*
- Problem 6: *American graffiti: Length contraction revisited*
- Problem 10: *Two fast women*