6.832 - Underactuated Robotics
Course Information

February 2, 2010

Instructor: Russ Tedrake (russt@mit.edu)
Office hours: By appointment, 32-380

TA: Michael Levashov (levashov@mit.edu)
Office hours: see course website

Lectures: TR 2:30 - 4pm, 32-144
Course Website: http://stellar.mit.edu/S/course/6/sp10/6.832/

Required Work

Lectures will be supplemented by six problem sets through the term. Many of these problem sets will make use of MATLAB simulations (familiarity with MATLAB is a plus). There will be a midterm exam, but a final project will take the place of a final exam. Collaboration on problem sets is permitted, but each student must hand in their own assignment. Projects can be done individually, or in teams of two. If projects are done in a team, the contribution of each group member must be clear from the final report.

IMPORTANT NOTE: The problem sets will continue during the time that you will be working on your final project. Plan accordingly!

Online Materials

All course materials (after lecture 1) will be distributed online only. Problems sets will be posted and submitted on the course website. The course notes will be available on the course website, shortly following the lecture covering that material.

A considerable amount of effort has been put into the course notes, but they are still a work in progress. Please don’t hesitate to contact Russ if you find any errors, or find anything unclear.
Grading System

40% of the final grade will be based on the six problem sets, 30% will be placed on the midterm, and 30% will be placed on the final project. Late problem sets will be penalized 10% per day.

Relevant Textbooks (not required)


