

CS132 Course Missive

Spring 2012

Introduction

CS132, “Creating Modern Web Applications”, is a spring semester course within the Brown CS department. It takes a holistic look at the process of developing Web Applications and aims to bring the students to a point of mastery of many of the most used web technologies and development practices.

Staff

Professor	Grad TA	Head TAs	TAs
Steven Reiss	Alexander Kalinin	Jason Gorelick Neal Poole Adam Zethraeus	Samuel Birch Yudi Fu Jeremy Greenfield David Trejo Peter Wilmot

Lectures

C Hour (M., W., F. 10:00-10:50 AM) in B&H 166

Who Should Take This Course?

The course has two tracks, one intended for **CS concentrators**, and one intended for **non-Concentrators with previous design experience**. The non-Concentrator track can not be used toward fulfilling a Computer Science concentration.

There are no formal prerequisites for this course. However, students taking the course for concentration credit are expected to have some programming experience, preferably through an introductory course sequence (CS015 and CS016, CS017 and CS018, or CS019). No Javascript, PHP, or other web programming knowledge is assumed.

Non-concentrators will complete separate versions of the assignments which are less programming intensive. Non-concentrators are still required to complete the labs and final project.

Grading

- 5 Assignments (40%)
 - HTML/CSS (6%)
 - JavaScript (8%)
 - SQL (8%)
 - Security (8%)
 - API (10%)
- Labs (5%)
- Midterm (5%)
- Final project (40%)
- Final exam (10%)

Labs

There are three labs which will occur during class time. These labs will take place in the SunLab (CIT 143) and attendance is mandatory.

Lab Dates are February 3 (Friday), February 17 (Friday), and February 24 (Friday).

We reserve the right to change the dates of the labs - it is your responsibility to check the course website for scheduling updates. Announcements made during the semester will be sent to the listserv and posted on the web page.

Labs are to be checked off within the scheduled lab time, or with a TA on hours within one week.

Capstone

The concentrator track for this course satisfies the capstone requirement for Sc.B in Computer Science.

Graduate Credit

Please talk to Professor Reiss as soon as possible for information about receiving graduate credit for this course.

Suggested Readings

- **Web Programming Step by Step** by Marty Stepp, Jessica Miller, and Victoria Kirst (for students with little programming background).
- **Software Engineering for Internet Applications**, Eve Astrid Andersson, Philip Greenspun, Andrew Grumet (for students with a CS background).
- **Don't Make Me Think: A Common Sense Approach to Web Usability**, 2nd Edition, Steve Krug.
- **JavaScript: The Good Parts**, Douglas Crockford (applicable to students with a programming background).

Late Policy

You are given 3 late days to use on the assignments (but not the final project). After the late days are used, students are penalized 25% of the assignment's value for each day it is late (capped at 100% of the assignment's value). The final project will not be accepted late.

Incomplete Policy

Incompletes are granted only under exceptional circumstances (e.g. severe illness, death in the family, kidnapping, etc.; too heavy of a course load is not a sufficient reason for an incomplete). Getting a dean to certify your reason for requesting an incomplete helps, but is not sufficient.

TAs and Hours

The TAs will be available to answer questions about assignments and general questions about course content. You can e-mail the TAs at cs132tas@cs.brown.edu. You can contact the head TAs at cs132headtas@cs.brown.edu.

Times and locations for office hours are posted on the course web page. You may not ask the TAs questions while they are not holding scheduled hours. We expect that you have made every effort to figure out a question or problem before you go to TA hours. If you have not, the TAs will likely refer you to documentation and other resources. If you have a question about your grade on an assignment, please schedule to meet with the TA who graded you, or if need be an HTA.