Boston University Department of Computer Science
CAS CS 103: Introduction to Internet Technologies and Web Programming
Spring 2022 Syllabus

Description

CS 103 is an introduction to the World Wide Web. We will learn Hypertext Markup Language (HTML) and Cascading Style Sheets (CSS), two fundamental languages of the Web, and introduce two popular Web programming languages, JavaScript and PHP. Each student will create his/her own website over the term. As we learn new techniques and technologies, we will explore issues of accessibility, usability, findability, performance, and security for each. CS 103 has no prerequisites; it is intended for non-technical students interested in the web as well as computer-savvy students interested in deepening their knowledge.

Teaching Staff

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Meeting Times and Places

Lecture: MWF 4:40 – 5:30 pm at CAS 224 (685 Comm Ave).
Lab: a weekly, one-hour session; see your schedule for the time and location.

Office Hours

See the "**Office Hours**" page on the CS 103 Blackboard course.

Assignments

CS 103 includes one lab assignment every week. They are posted on the "**Assignments**" page of the CS 103 Blackboard website with due dates. Assignments will be submitted online through Gradescope.

Late assignment submission:

There will be a **10% deduction** for assignments that are up to 24 hours late. We will not accept any assignment that is more than 24 hours late. Plan your time carefully, and don't wait until the last minute to begin an assignment. Starting early will give you ample time to ask questions and obtain assistance from members of the course staff.

Exams

CS 103 will include two in-class exams (mid-terms) during the semester and one final exam during the exam period. In-class exams will be given in our usual classroom. All are closed book and closed notes and must be completed independently. No calculators or other devices are allowed.

- **Midterm 1: Monday, February 28, 2022 @ 4:40-5:30pm**

- **Midterm 2: Monday, April 4, 2022 @ 4:40-5:30pm**

- **Final Exam: (not-confirmed)**

Make sure that you are available for the entire final-exam period – up to and including Friday evening, May 13!

Final Project

The final project is due on **Wednesday, May 4, 2022** and includes two components:

1. A website built by each student/group over the course of the semester
2. A short presentation of the website to the rest of the class. You will present your project to your class on **Week 13 or Week 14 (Lectures 38 - 41)** during the lecture time.

Course Grade

1. Attendance & Participation: **5%**. To receive full grade, you must answer at least 85% of in-class questions and attend at least 85% of labs.
2. Pre-lecture quizzes: **5%**. To receive full grade, you must answer at least 85% of pre-lecture quizzes.
3. Lab assignments: **30%**
4. Final project (website & presentation): **10%**
5. Midterm 1: **12.5%**
6. Midterm 2: **12.5%**
7. Final exam: **25%** (the lowest midterm grade and the lowest lab assignment grade will be replaced by the final exam grade if it helps improving your final grade)
8. Extra credit activities: You may earn up to **3% extra credit** as follows:
   - making a presentation on one of the Show and Tell Days at **April 13, 15** or **20** (up to 1.5 points)
   - making a final project website from scratch (up to 1.5 points)
   - participating in our discussion board "CampusWire" by asking and answering (count as a plus)

Course Tech

CS 103 does not have a paper textbook. We will draw heavily on online resources. There are some required online platforms for CS 103 described at the "**Course Tech**" page on the CS 103 Blackboard website.

COVID-19-Related Class Expectations

To promote a safe learning environment, those who wish to attend lecture or lab in person must:

- comply with University-mandated COVID-19 testing and health attestation requirements
- wear a face covering at all times during class, and when in other public spaces on campus
- maintain physical distancing of 6 feet from the nearest person at all times, including when entering and leaving the classroom
- contact Student Health Services at 617-353-3575 if you experience symptoms of COVID-19 (see https://www.cdc.gov/coronavirus/2019-ncov/symptoms-testing/symptoms.html).

The instructors, TFs and TAs will all follow the above guidelines, and students who choose to attend class in person must also adhere to them. Students who do not wish to follow these guidelines should take the class remotely.

Collaboration Policy

You are strongly encouraged to collaborate with one another in studying the course materials and preparing for quizzes and exams. You may discuss ideas and approaches with others (provided that you acknowledge this in your solution), but such discussions should be kept at a high level, and should not involve actual details of the solution or of other types of answers. **You must complete the actual solutions on your own.**

Academic Misconduct

We will assume that you understand BU's Academic Conduct Code:
http://www.bu.edu/academics/policies/academic-conduct-code

Prohibited behaviors include:
- copying all or part of someone else's work, even if you subsequently modify it; this includes cases in which someone tells you what you should write for your solution
- viewing all or part of someone else's work (with the exception of work that you and your partner do together on a pair-optional problem)
- showing all or part of your work to another student (with the exception of work that you and your partner do together on a pair-optional problem)
- consulting solutions from past semesters, or those found online or in books
- posting your work where others can view it (e.g., online).

Incidents of academic misconduct will be reported to the Academic Conduct Committee (ACC). The ACC may suspend/expel students found guilty of misconduct. ***At a minimum, students who engage in misconduct will have their final grade reduced by one partial letter grade (e.g., from a B to a B-).***

Other Policies

- You are responsible for reading course-related emails from the instructor and teaching fellow, which will be sent to your bu.edu email address through **Blackboard** & **CampusWire**.
- Use laptops and other devices for note-taking, polling and coding only.