

IST 263

Intro. to Front-end Web Development

Fall 2020 - Section M001

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<https://ist263-talley.github.io/fall-2020/>

Office Hours:

noon-1pm U.S. Eastern time Thursdays via Zoom
or [email me](#) to make an appointment for a
different time.



Full Stack Web Development

LEARNING OUTCOMES

- Memorize key terms and definitions related to common web technologies
- Understand at a basic and intermediate level the workings of the Internet and Web applications
- Understand at an intermediate or expert level key Web technologies including HTML, CSS, Javascript
- Consider entrepreneurial opportunities in respect to web design, issues such as web 2.0, HTML5, accessibility, web technologies, and related issues.

Tools used to Plan, Design, Implement & Manage

WIREFRAMES

HTML

CSS

JAVASCRIPT

SAMPLE PROJECTS

<https://wlschwei.github.io/carlsbadlocal/>

https://jbbuena.github.io/fall2019-m01/individual_project/v3/pages/index-jabuena.html

<https://ntbarba.github.io/IST263-Fall2019/project/ntbarba-index.html>

TOOLS USED IN CLASS

- Bring your own device (BYOD)
- Online Readings
- Integrated Development Environment (IDE)
- GitHub & Blackboard
- Something to take notes in class

TYPICAL CLASS FORMAT

- Summarize previous class
- Lecture Part 1
- Lab - Group or Individual

COURSE WEBSITE

<https://ist263-talley.github.io/fall-2020/>

SYLLABUS REVIEW

MID-TERM EXAM

- Test your memory and understanding of course concepts.
- 12 open ended, multi-part questions
- All parts have to be correct to get any points
- All questions will come from a student created 'Question Bank'

HOMework

1. Short weekly class summary due before 8:00am Tuesdays
2. Most weeks there will be a short homework due
 - All homework is due by Saturday 11:59:59pm
 - Must be uploaded to Blackboard with:
 - Working GitHub Pages URL
 - HTML and CSS files created or modified as assigned
(Zip up files in a single .zip file and upload that if Blackboard generates security errors on upload.)

INDIVIDUAL PROJECT

- Create a website on a topic of your choice,
due end of **Week 14**
- Min. of 3 pages, each with a unique but related design
- Must be responsive, W3C compliant, and `WAVE` tested
- You will have project milestones throughout the semester
- More details are on the class website

ATTENDANCE + PARTICIPATION

- Attendance is expected, including for open lab sessions ahead of major milestones
- Attendance affects class contribution points
- 10 points for class participation (see the Syllabus)
- Be 'active' and 'engaged' students
(preferably not active on your phones –
phone in hand = non-attendance)

ACADEMIC INTEGRITY

- My work is my own
- I will not share my answers
- I will not misrepresent my ability
- I will give credit & attribute sources
- I accept the consequences

When in doubt, ASK !

COUPLE OF NO'S

- No coming to class unprepared
- No late submissions. See Syllabus for policy.
- No make-up exams

COMPUTER SETUP

- Instructions on the class website
- See me during Office Hours
- Must be completed **before** next class

STRATEGY FOR SUCCESS

- Find the purpose
- **Pre-Class Prep**
 - Go through the class website for class objectives
 - Do the pre-class reading & take notes
 - Write a short paragraph weekly summary
- **During Class**
 - Add to your notes
 - Ask & answer questions
- **Post-Class**
 - Do the post class reading
 - Update Notes
 - Practice / Homework
- Identify what you don't understand and ask questions
- Patience & persistence FTW!

ANATOMY OF THE WEB

Next Class