IST 263

Intro. to Front-end Web Development

Section M005

Client Side Code

Browser

Server Side Code

Web Server

Database

OS

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, web technologies and related issues.

Tools used to Plan, Design, Implement & Manage

WIREFRAMES
HTML
CSS
JAVASCRIPT

DAVID TALLEY

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http://ist263-talley.syr.edu

Office Hours:
11am-noon Thursdays @ Hinds Hall Rm. 239
or email me to make an appointment

STUDENTS IN CLASS

Program	# of Students
Arch., Arts & Sciences, Falk, Whitman, Newhouse, Maxwell	?
iSchool, Engg.	?

SAMPLE PROJECTS

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/fall2019-m01/

SAGE

- Simple tool to help in formative, dynamic and reflective self-assessment.

- How does it work?

- Why does it work?

- Up to 5 points deducted if you miss

- Feedback not used to determine grades

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 Pre-class summary due before 8:00am next class

2. Most weeks there will be a short homework due

   - All homework is due by Sunday 11:59:59pm

   - Must be uploaded to Blackboard

   - Submit early so I can review. You can then revise and re-submit without losing points.

INDIVIDUAL PROJECT

- Create a website on any topic, due **Week 14**

- Min. of 3 pages each with a unique 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 not mandatory

- No points for mere attendance

- 10 points for class participation

- Be 'active' and 'engaged' students
  (preferably not active on your phones)

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

- No make-up exams

COMPUTER SETUP

- Instructions @ http://ist263-talley.syr.edu

- See me during Office Hours

- Must be completed **before** next class

How to succeed in this class

- 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 summary

- **During Class**
  - Add to your notes
  - Ask questions

- **Post-Class**
  - Do the post class reading
  - Update Notes
  - Practice / Homework

- Identify what you don't understand and ask questions

- Have patience

ANATOMY OF THE WEB

Next Class