

Syllabus  
**IST 263 - Intro. to Front-End Web Development**  
**Fall 2017**

Avinash (Avi) Kadaji  
akadajis@syr.edu  
<http://ist263.syr.edu>

Room: IST 011  
Class Times: M & W, 12:45pm - 2:05pm

**Message Forum:** <https://gitter.im/iSchool-Syracuse-IST-263/F17-M005>

**Regular Office Hours:** Tuesdays 3:00 - 5:00pm, Hinds Hall Rm 239

Also available via appointment

**Course Description**

Principles for construction and publication of multimedia documents for the World Wide Web. Incorporate a user-based approach to planning, design, implementation, and management in distributed network environments, with an entrepreneurial focus.

**Course Learning Outcomes**

After successfully completing this course you will be able to

- 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.

## Course Schedule

The schedule below is subject to change. The class website will be updated throughout the semester. Check that for the latest readings, assignments.

Week	Topic
1 - 2	Anatomy of the Web
2 - 3	HTML Basics
3 - 4	CSS Basics
4 - 7	Wireframes, Layout, Frameworks
8	Midterm Exam
8 - 11	Frameworks, Javascript, jQuery
10	Individual Project Due
11 - 13	Advanced Topics
14	Group Presentation

### Textbook

Readings in this course will be assigned from a variety of sources including textbooks, blogs and industry publications. All readings will be posted on the class website. It is not required that you purchase a textbook for this course.

## Assessment, Points & Grade Rubric

Because there are several course objectives I will assess your performance on several measures.

Total Points	
Class / Forum Participation	10
Weekly Assignments	20
Midterm Exam	15
Individual Project	35
Final Group Project	20
	100

### Class / Forum Participation

You will be asked to summarize topics in class on a regular basis. That combined with thoughtful questions and responses in class and in the digital forum will count towards participation points.

### Midterm Exam

This will be a closed book exam. This is used to evaluate your recall and understanding of course material, as well as your ability to apply it to new situations.

### Weekly Assignments

Most weeks you will have some form of assignment. It could be summarizing some reading material, and/or writing HTML/CSS/Javascript.

- Each assignment will be weighted differently.
- All weekly assignments are due by midnight (EST) Saturday of the week they are assigned.
- Assignments should be submitted via Git. Anything emailed or sent via Blackboard will receive a zero.

**Individual Project**

This project will be due around week 10 and will be a culmination of everything learnt from week 1 - 10. You will be required to work parts of it each week starting week 1.

**Final / Group Project**

You are encouraged to work in groups (up to 3) to complete the final project. Each group will be required to give one 10 minute presentation on an advanced topic along with creating a one HTML page overview. Details will be discussed in class.

**SAGE - Self Assessment**

SAGE is a required online self-assessment. Each week you'll answer questions focused on course-related behaviors that I believe are essential for success. Once you've done so you'll be able to see the pattern of your responses in the context of the patterns of others in the class. My hope is that this will help you by continuously reminding you of the actions that make for success.

**NOTE: NONE of the information submitted in these reports will be used in the determination of your grade - so be honest with yourself and me.**

**Final Grade Calculation**

Grade	Points Earned
A	> 95
A-	91 - 95
B+	86 - 90
B	81 - 85
B-	76 - 80
C+	71 - 75
C	66 - 70
C-	61 - 65
D	56 - 60
F	< 56

**Attendance**

Students are **expected** to attend class each week for the full period unless otherwise excused. Attendance will be recorded each class but will not count towards class grades. It is the responsibility of students without a university-approved absences to obtain notes/assignments from missed classes.

**Blackboard**

Syracuse University's Blackboard system will be used for announcements. You can access blackboard at: <http://blackboard.syr.edu> and you can log in with you NetID and password.

**Late Work**

GitHub timestamps all submitted work. Any work submitted late will be evaluated but no points will be awarded. Refer to Section 'Weekly Assignments' in Page 3 that discusses assignment submission.

**Technology Requirements**

Each of the following technology requirements are mandatory. You must set them up as their use is essential to your grade in the course.

**Bring Your Own Device**

This course uses the BYOD (Bring Your Own Device) model. The expectations are that you own a notebook computer and you will bring it to every class fully charged. If you don't own a notebook computer you can borrow one from the iSchool using your SUID.

You will be expected to install software on your notebook computer. Instructions will be provided.

**GitHub & Gitter**

This course will use GitHub Classroom <https://classroom.github.com/> for exchanging source code.

Gitter (<https://gitter.im/IST-263-M005>) will serve as the course forum/message board/collaboration space. Both are free services. Registered students will receive an invitation to join within the first week of class.

### **Integrated Development Environment (IDE)**

This course will require the use of an IDE. Based on your notebook operating system **select one** from the list below.

Mac	Windows
Coda (free version) or VS Code	Notepad ++ or VS Code

### **A Strategy for Success**

- Do the assigned reading for the week before the week begins
- Master the objectives as you work your way through the reading
- Identify what you don't understand
- Come to class
- As we go through the material, if you still don't understand something...ASK A QUESTION!
- Take efficient notes
  - Do not copy the slides into your notes. They will be made available to you
  - Remember key points and why these points are key
  - Recognize the thread that weaves these points together
- If you still don't get something GET HELP. Go to office hours.
- Practice the assignments

### **University-Mandated Course Policies**

#### **Academic-Integrity Policy**

Syracuse University's academic integrity policy reflects the high value that we, as a university community, place on honesty in academic work. The pilot policy in effect at the School of Information Studies defines our expectations for academic honesty and holds students accountable for the integrity of all work they submit. Students should understand that it is their responsibility to learn about course-specific expectations, as well as about university-wide academic integrity expectations. The pilot policy governs appropriate citation and use of sources, the integrity of work submitted in exams and assignments, and the veracity of signatures on attendance sheets and other verification of participation in class activities. The pilot policy also prohibits students from submitting the same work in more than one class without receiving written authorization in advance from both instructors. Under the pilot policy, students found in violation are subject to grade sanctions determined by the course instructor and non-grade sanctions determined by the School or College where the course is offered. SU students are required to read an online summary of the university's academic integrity expectations and provide an electronic signature agreeing to abide by them twice a year during pre-term check-in on MySlice. For more information, see <http://academicintegrity.syr.edu>.

### **Disability-Related Accommodations**

Syracuse University values diversity and inclusion; we are committed to a climate of mutual respect and full participation. If you believe that you need accommodations for a disability, please contact the Office of Disability Services (ODS), [disabilityservices.syr.edu](http://disabilityservices.syr.edu), located at 804 University Avenue, room 309, or call 315.443.4498 for an appointment to discuss your needs and the process for requesting accommodations. ODS is responsible for coordinating disability-related accommodations and will issue "Accommodation Authorization Letters" to students as appropriate. Since accommodations may require early planning and generally are not provided retroactively, please contact ODS as soon as possible. Our goal at the iSchool is to create learning environments that are useable, equitable, inclusive and welcoming. If there are aspects of the instruction or design of this course that result in barriers to your inclusion or accurate assessment or achievement, please meet with me to discuss additional strategies beyond official accommodations that may be helpful to your success.

### **Religious Observances Policy:**

SU's religious observances policy, found at [supolicies.syr.edu/emp\\_ben/religious\\_observance.htm](http://supolicies.syr.edu/emp_ben/religious_observance.htm), recognizes the diversity of faiths represented in the campus

community and protects the rights of students, faculty, and staff to observe religious holy days according to their tradition. Under the policy, students should have an opportunity to make up any examination, study, or work requirements that may be missed due to a religious observance provided they notify their instructors no later than the end of the second week of classes through an online notification form in MySlice listed under Student Services/Enrollment/My Religious Observances/Add a Notification.