Syllabus for CSC 343:
Client-Side Scripting – Spring 2019

Contact Information:
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Office Hours:
Mon. 10:00 - 11:00 (Holroyd 133 or Holroyd 124)
Wed. 10:00 - 11:00 (Holroyd 133 or Holroyd 124)
Fri. 10:00 - 11:00 (Holroyd 133 or Holroyd 124)
Or by appointment

Topics: This course will require students to design and develop standards-based client interfaces for Web/client-side applications using the latest versions of HTML, CSS, and JavaScript. Students will study Web-based standards and application/design styles. Students will also use popular Web-development tools. Some mobile development will be included in the course.
Prerequisite: CSC 230

Section & credits:
Sections: 01
Credits: 3
Meetings (Time and Place)
Mon., Wed. & Fri. 12:50 – 1:40 in Holroyd 153

Holidays:
MLK: Jan. 21
Spring break: Mar. 11-15
Easter: Apr. 19-22

Other important dates:
Classes start: Jan. 14
Mid-semester grades (for freshmen) due: Mar. 6
Last day to withdraw: Apr. 1
Classes end: May 3
Finals week: May 6 - May 10
Commencement: May 12
Senior grades due: May 13
Other spring grades due: May 15

Course Calendar Link:
http://www1.lasalle.edu/~blum/c343-cal-s19.htm

Text: None

Websites:
http://www.w3schools.com/html5/ (HTML5)
http://validator.w3.org/ (HTML Validator)
http://www.w3schools.com/css/ (CSS)
http://jigsaw.w3.org/css-validator/ (CSS Validator)
http://www.w3schools.com/js/ (JavaScript)
http://www.w3schools.com/jquery/ (jQuery)
http://www.w3schools.com/json/ (JSON)
http://www.w3schools.com/ajax/ (AJAX)
http://www.w3schools.com/angular/

Learning Objectives:

Students should be able to:

- Design and implement dynamic, interactive web interfaces
- Understand how to apply a style to an entire website and how to modify that style for different media
- Develop code to improve user experience
- Manage data from file including JSON and XML formats
- Develop code that incorporates aspects of security and validation
- Incorporate and modify code from the React and/or VUE libraries
- Evaluate client interfaces based on usability, accessibility, and platform.
- Design and implement "responsive" applications

Assessment:
There will be weekly labs as well as a weekly homework. There will be two tests and a final. The various components of the course will be weighted as follows:

Lab/Class:	28%
Homework:	14%
Tests:	32%
Final:	16%
Project:	10%

- The plus/minus grading system will be used.
- Attendance will be taken.
- Absences, lateness, inattention, etc. will be factored into the lab/class component of the grade.
- Over three unexcused absences may result in the reduction of your final grade.

- **Homework assignments and labs are due a week after they are assigned.** Labs and homework assignments submitted after the test on the relevant material will not be eligible for full credit.
- Make-up tests are given at the discretion of the professor and they tend to be a little harder.
- All tests are cumulative, though they will tend to focus on and give more weight to the new material.
- It is your responsibility to keep copies of all of your assignments, tests and so forth at least until you receive your final grade for the course.

Grading scheme:

- A 94 <= average
- A- 91 <= average < 94
- B+ 88 <= average < 91
- B 85 <= average < 88
- B- 82 <= average < 85
- C+ 79 <= average < 82
- C 76 <= average < 79
- C- 73 <= average < 76
- D+ 70 <= average < 73
- D 67 <= average < 70

Classroom Behavior:
While in the classroom, students should behave in a manner that is neither distracting to nor disrespectful to the professor or other students.

Cheating:
When using materials from a book, website, etc., the source must be cited, otherwise it is considered plagiarism. Claiming another's work as your own is cheating. A student caught cheating will receive a score of zero. Repeated cheating can result in a failing grade for the course. Asking another for help on a step or two in a many step homework is acceptable; handing in duplicate or nearly duplicate work is not. If you require a significant amount of assistance, you should seek my help. Finally, openly allowing your work to be copied is also cheating.

Be aware that if I am called as a job reference, that I may be placed in a position to comment on your trustworthiness and that such questions are phrased like "do you have any reason to …" rather than "can you prove …." A bad answer to a question like that can be very detrimental if you are going to be in a position handling sensitive data.

Some Tutoring:
Tutoring for various subject areas (70+ courses) is available for La Salle undergraduates. Subject tutors help students identify what as well as how to learn, clarify course content, and help students understand their strengths and weaknesses regarding the subject matter. Students should take advantage of tutoring at the first indication of difficulty in a course or whenever they wish to improve their performance or knowledge in a course, for example, to improve grades or to maintain high grades. Students can make tutoring appointments through GradesFirst located under Tools in the mylasalle portal.

Student Resources:
https://lasalle.instructure.com/courses/1772 includes links to
Student Guide on how to use Canvas
Student Guide to Resources, Rights and Responsibilities
Academic Integrity Policy
American Disabilities Act
IT Help Desk Support
Academic and Learning Support Services
Library Resources in Canvas
Library