

Course Syllabus

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WEB 2630 | FALL 2021

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Course Overview

This course covers client-side JavaScript Frameworks and building Single Page Applications (SPA). We'll continue where CS/WEB 2350 and/or WEB 1430 left off by reviewing the JavaScript programming language (with emphasis on the Document Object Model (DOM) as well as various debugging techniques) before jumping into the latest (and dare I say greatest) JavaScript framework – VueJS. Vue (pronounced /vju:/, like view) is a progressive framework for building user interfaces. Unlike other monolithic frameworks (i.e. React and Angular2), Vue is designed from the ground up to be incrementally adoptable. The core library is focused on the view layer only and consequently is much easier to learn and pick up.

Course Textbook and Materials

There is not a required text for this course. The VueJS framework is relatively new, and there are very few published resources available beyond the official documentation guide, and what we disseminate throughout the course. I will do my best to provide you with adequate references, resources, notes, and other learning materials (all posted on the course website as we progress) so you can successfully accomplish the assignments and goals set forth in this course.

Grades

Exercises	45%
Projects	55%

Grade Scheme

A	100%	to 94%
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A-	< 94%	to 90%
B+	< 90%	to 87%
B	< 87%	to 84%
B-	< 84%	to 80%
C+	< 80%	to 77%
C	< 77%	to 74%
C-	< 74%	to 70%
D+	< 70%	to 67%
D	< 67%	to 64%
D-	< 64%	to 61%
E	< 61%	to 0%

What I Expect From You

This course requires you, the student, to be in control of your learning. Since you are in control, you need to be disciplined enough to stay up to date with the course. The following tips will help you succeed in the course.

- **Canvas Login:** Login to Canvas regularly to view announcements and check your progress. You may need to log in multiple times a day when group submissions/discussions are due.
- **Manage Your Time:** This requires good planning. Good planning allows you to plan for the unexpected sickness, travel requirements, Internet outages etc. Allow for four hours/week in class and you an additional 2-4 hours of work outside the classroom.
- **Keep Track of Due Dates:** Use the calendar tool on Canvas to keep track of due dates. Print out the schedule at the end of the syllabus, and watch for updates on Canvas.

What Your Peers Expect From You

- **Classroom Etiquette:** In any social interaction, certain rules of etiquette are expected and contribute to more enjoyable and productive communication.
- **Netiquette:** The following tips for interacting online are adapted from guidelines originally compiled by Chuq Von Rospach and Gene Spafford.
 - Remember that the person receiving your message is someone like you, someone who deserves and appreciates courtesy and respect.
 - Be brief. Succinct, thoughtful messages have the greatest impact.
 - Your messages reflect on YOU. Take time to make sure that you are proud of their form and content.
 - Use descriptive subject headings in e-mail messages.
 - Think about your audience and the relevance of your messages.
 - Be careful with humor and sarcasm; without the voice inflections and body language of face-to-face communication, Internet messages can be easily misinterpreted.

- When making follow-up comments, summarize the parts of the message to which you are responding.
- Avoid repeating what has already been said. Needless repetition is ineffective communication.
- Cite appropriate references whenever using someone else's words.
- **Manage Your Time:** This requires good planning. Good planning allows you to plan for the unexpected sickness, travel requirements, Internet outages etc. Allow for four hours/week in class and you an additional 2-4 hours of work outside the classroom.
- **Keep Track of Due Dates:** Use the calendar tool on Canvas to keep track of due dates. Print out the schedule at the end of the syllabus, and watch for updates on Canvas.

What You Can Expect From Me

As your instructor, I am committed to providing a quality learning experience through thoughtful planning, implementation, and assessment of course activities. I am also committed to being readily available to you throughout the semester by...

- Being attentive to your needs in class.
- Being available to chat by appointment outside of class during my office hours.
- By replying to your email or online questions within 1 to 2 business days.
- By returning graded course work within 72 hours of each assignment's due date.

Canvas

For assistance with Canvas or related technical issues, please call 626-6499. This phone is staffed Mon-Thurs from 8am - 5pm and Fridays from 8 - 4:30pm. A message can be left during non-business hours for a return call. Alternatively, students can send an email message to wsonline@weber.edu

If you are having technical issues related to usernames/passwords, please call the Service Desk at 626-7777, or email csupport@weber.edu.

Accommodations for Students with Disabilities

Any student requiring accommodations or services due to a disability must contact Services for Students with Disabilities (SSD) in room 181 of the Student Services Center. SSD can also arrange to provide course materials (including the syllabus) in alternative formats if necessary.

For more information about the SSD contact them at 801-626-6413, ssd@weber.edu, or departments.weber.edu/ssd

Ethical Conduct

Any form of academic dishonesty (cheating, plagiarism, etc.) will not be tolerated. Proof of academic dishonesty will result in a failing grade (E) for the course. The following is an explanation of cheating as stated in the student code.

- A. Cheating, which includes but is not limited to:
 - i. Copying from another student's test;

- ii. Using materials during a test not authorized by the person giving the test;
 - iii. Collaborating with any other person during a test without authorization;
 - iv. Knowingly obtaining, using, buying, selling, transporting, or soliciting in whole or in part the contents of any test without authorization of the appropriate University official
 - v. Bribing any other person to obtain any test;
 - vi. Soliciting or receiving unauthorized information about any test;
 - vii. Substituting for another student or permitting any other person to substitute for oneself to take a test.
- B. Plagiarism, which is the unacknowledged (uncited) use of any other person's or group's ideas or work. This includes purchased or borrowed papers;
- C. Collusion, which is the unauthorized collaboration with another person in preparing work offered for credit;
- D. Falsification, which is the intentional and unauthorized altering or inventing of any information or citation in an academic exercise, activity, or record-keeping process;
- E. Giving, selling, or receiving unauthorized course or test information;
- F. Using any unauthorized resource or aid in the preparation or completion of any course work, exercise, or activity;
- G. Infringing on the copyright law of the United States which prohibits the making of reproductions of copyrighted material except under certain specified conditions.


Syllabus Change




This syllabus is subject to change. I will notify the class regarding all changes. In the event of any discrepancy between this syllabus and content found in Canvas, the information in CANVAS WILL TAKE PRECEDENCE.

Late Work

Late work due to procrastination will not be accepted. Late work due to a legitimate emergency may be accepted. Late work will be accepted if you let me know in advance, I would prefer you to finish the assignment before moving onto the next.

Course Summary:

Date	Details	Due
Tue Sep 7, 2021	 RPS JavaScript Review Part 1 https://weber.instructure.com/courses/532857/assignments/4993509	due by 11:59pm
Mon Sep 13, 2021	 RPS JavaScript Review Part 2 https://weber.instructure.com/courses/532857/assignments/4993510	due by 11:59pm

Date	Details	Due
Mon Sep 20, 2021	 Exercise 1 (https://weber.instructure.com/courses/532857/assignments/4993501)	due by 11:59pm
Fri Sep 24, 2021	 Vue RPS Part 1 (https://weber.instructure.com/courses/532857/assignments/4993513)	due by 11:59pm
Mon Sep 27, 2021	 Vue RPS Part 2 (https://weber.instructure.com/courses/532857/assignments/4993514)	due by 11:59pm
Mon Oct 4, 2021	 Exercise 2 (https://weber.instructure.com/courses/532857/assignments/4993502)	due by 11:59pm
Mon Oct 11, 2021	 Exercise 3 (https://weber.instructure.com/courses/532857/assignments/4993503)	due by 11:59pm
Mon Oct 18, 2021	 Exercise 4 (https://weber.instructure.com/courses/532857/assignments/4993504)	due by 11:59pm
Fri Oct 22, 2021	 Wonderful Quotes Part 1 (https://weber.instructure.com/courses/532857/assignments/4993515)	due by 11:59pm
Mon Oct 25, 2021	 Wonderful Quotes Part 2 (https://weber.instructure.com/courses/532857/assignments/4993516)	due by 11:59pm
Mon Nov 1, 2021	 Exercise 5 (https://weber.instructure.com/courses/532857/assignments/4993505)	due by 11:59pm
Mon Nov 8, 2021	 Exercise 6 (https://weber.instructure.com/courses/532857/assignments/4993506)	due by 11:59pm
Mon Nov 15, 2021	 Exercise 7 (https://weber.instructure.com/courses/532857/assignments/4993507)	due by 11:59pm
Mon Nov 22, 2021	 Exercise 8 (https://weber.instructure.com/courses/532857/assignments/4993508)	due by 11:59pm
Fri Dec 10, 2021	 Stock Trader Part 1 (https://weber.instructure.com/courses/532857/assignments/4993511)	due by 11:59pm
Thu Dec 16, 2021	 Stock Trader Part 2 (https://weber.instructure.com/courses/532857/assignments/4993512)	due by 11:59pm