

Course Syllabus

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Instructor's Information

- **Name:** Garth Tuck
- **Department:** School of Computing - WEB/UX
- **Office Location:** Elizabeth Hall 371
- **Office Hours:** Mon, Wed, Fri -> 10:30–11:30 AM & Tue, Thu -> 9:30–10:30 AM
- **Office Phone:** 801-626-7958
- **E-mail:** gtuck@weber.edu (<mailto:gtuck@weber.edu>)

Communication (outside of class):

If you have any questions about the course or need assistance, please schedule an office hours visit using [Starfish](#), or contact me via Email at any time.

Course Website

Supplementary information for the course is available on WSU Online. The website contains class notes, PowerPoint slides, class announcements, the course syllabus, assignment information, quizzes and other information for the course.

Meeting place & times

- **Classroom location:** EH 373
- **Meeting Times:** M,W,F 8:30–9:20 AM

Course Description

This class introduces the JavaScript language, with a focus on advanced language features and client-side web programming. Topics covered include basic syntax, object-oriented programming, higher-order functions, the DOM, and AJAX. The class will also introduce jQuery.

Course Outcomes

At the conclusion of this course students will be able to create or have an understanding of the following:

- Understand the essential elements of programming, including syntax, control, and data
- Organize and clarify your code with object-oriented and functional programming techniques
- Script the browser and make basic web applications
- Use the DOM effectively to interact with browsers

Textbook

Eloquent JavaScript, 3rd Edition

A Modern Introduction to Programming

by Marijn Haverbeke
December 2018, 472 pp.
ISBN-13: 978-1-59327-950-9

- [Book's Website - Full Book \(http://eloquentjavascript.net/index.html\)](http://eloquentjavascript.net/index.html)

Tools

- [ATOM \(https://atom.io\)](https://atom.io) (text editor)
- [Brackets \(http://brackets.io\)](http://brackets.io) (text editor)

Assignments, Skill Checks, and Final Project

There are eight individual assignments worth 75 points each and account for 30% of your grade. There are two Skill Check assessments worth 150 points each and account for 30% of your grade. The final project (creation of a website) will be 40% of your grade and is worth 250pts. It will encompass components from all of the assignments.

Extra Credit

Please don't ask for extra credit.

Late Work

- Your 1st late assignment will not be penalized.
- Your 2nd late assignment will be given a 25% penalty.
- Your 3rd late assignment will be given a 50% penalty.
- Your 4th or more will be not be accepted.

Time Commitment

As a general rule, you should spend at least 3 times the number of credit hours assigned to the class. For example, this is a 3 credit hour class $3 \times 3 = 9$. You should expect to spend at least 9 hours a week working on this class.

Tips for Success

One cannot learn all of the material by just reading the text. Practice is critical when learning new software and programming languages. Successful students read the upcoming material ahead of time. They participate actively in class. If you are struggling with any concept please come see me during my office hours. The number one thing you can do is ask questions when you don't understand something.

Course Fees

Course fees in the Network Management Technology major are designed to cover the costs of equipment maintenance and replacement, software, consumable materials and supplies, instructional resources, and certification.

Technical Support

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

Course Summary:

Date	Details	
Mon Jan 7, 2019	 Week 01 -> Introduction (https://weber.instructure.com/calendar?event_id=941243&include_contexts=course_475189)	12am to Jan 14 at 12am
Mon Jan 14, 2019	 Week 02 -> Values, Types, and Operators (https://weber.instructure.com/calendar?event_id=941244&include_contexts=course_475189)	12am to Jan 21 at 12am
Mon Jan 21, 2019	 Martin Luther King, Jr. Day - No Classes (https://weber.instructure.com/calendar?event_id=941251&include_contexts=course_475189)	12am
Wed Jan 23, 2019	 Week 03 -> Program Structure & Functions (https://weber.instructure.com/calendar?event_id=941262&include_contexts=course_475189)	12am to Jan 28 at 12am
Mon Jan 28, 2019	 Week 04 -> Data Structures: Objects and Arrays (https://weber.instructure.com/calendar?event_id=941245&include_contexts=course_475189)	12am to Feb 4 at 12am
Mon Feb 4, 2019	 Week 05 -> Higher-order Functions (https://weber.instructure.com/calendar?event_id=941246&include_contexts=course_475189)	12am to Feb 11 at 12am
Mon Feb 11, 2019	 Week 06 -> The Secret Life of Objects (https://weber.instructure.com/calendar?event_id=941247&include_contexts=course_475189)	12am to Feb 18 at 12am
Fri Feb 15, 2019	 Week 07-08 -> Midterm Project: A Robot (https://weber.instructure.com/calendar?event_id=941263&include_contexts=course_475189)	12am to Mar 3 at 12am
Mon Feb 18, 2019	 President's Day - No Classes (https://weber.instructure.com/calendar?event_id=941252&include_contexts=course_475189)	12am
Mon Mar 4, 2019	 Week 09 -> Spring Break - No Classes (https://weber.instructure.com/calendar?event_id=941253&include_contexts=course_475189)	12am to Mar 11 at 12am
Mon Mar 11, 2019	 Week 10 -> Bugs and Errors (https://weber.instructure.com/calendar?event_id=941254&include_contexts=course_475189)	12am to Mar 18 at 12am

[event_id=941254&include_contexts=course_475189\)](#)

Mon Mar 18, 2019



[Week 11 -> Midterm Project: A Robot](#)
[\(\[https://weber.instructure.com/calendar?event_id=941255&include_contexts=course_475189\]\(https://weber.instructure.com/calendar?event_id=941255&include_contexts=course_475189\)\)](https://weber.instructure.com/calendar?event_id=941255&include_contexts=course_475189)

12am to Mar 25 at 12am

Mon Mar 25, 2019



[Week 12 -> JavaScript and the Browser](#)
[\(\[https://weber.instructure.com/calendar?event_id=941256&include_contexts=course_475189\]\(https://weber.instructure.com/calendar?event_id=941256&include_contexts=course_475189\)\)](https://weber.instructure.com/calendar?event_id=941256&include_contexts=course_475189)

12am to Apr 1 at 12am

Mon Apr 1, 2019



[Week 13 -> The Document Object Model](#)
[\(\[https://weber.instructure.com/calendar?event_id=941257&include_contexts=course_475189\]\(https://weber.instructure.com/calendar?event_id=941257&include_contexts=course_475189\)\)](https://weber.instructure.com/calendar?event_id=941257&include_contexts=course_475189)

12am to Apr 8 at 12am

Mon Apr 8, 2019



[Week 14 -> Handling Events & HTTP and Forms](#)
[\(\[https://weber.instructure.com/calendar?event_id=941258&include_contexts=course_475189\]\(https://weber.instructure.com/calendar?event_id=941258&include_contexts=course_475189\)\)](https://weber.instructure.com/calendar?event_id=941258&include_contexts=course_475189)

12am to Apr 15 at 12am

Mon Apr 15, 2019



[Week 15-16 -> Final Project: A Platform Game](#)
[\(\[https://weber.instructure.com/calendar?event_id=941259&include_contexts=course_475189\]\(https://weber.instructure.com/calendar?event_id=941259&include_contexts=course_475189\)\)](https://weber.instructure.com/calendar?event_id=941259&include_contexts=course_475189)

12am to Apr 25 at 12am
