

Beginning Web Programming – Topic: JavaScript, jQuery, and React

Syllabus

Dallas College Richland Campus



Contacting Your Instructor

Instructors typically respond to emails from students with 24 hours. However, over the weekend and holiday periods responses may be delayed. Find out more about [contacting your instructor](#).

Instructor Contact Information

Name: Jim Link

Email: jlink@dcccd.edu

Division Office and Phone: School of Creative Arts, Entertainment and Design, 972-860-8121

Course Information

Course Title: Beginning Web Programming – Topic: JavaScript, jQuery, and React

Course Number: ITSE-1311

Section Number: 81701

Semester/Year: Fall 2020

Credit Hours: 3

Class Meeting Time: Wednesdays, 7:50pm – 9:30pm; Sept. 2 – Dec. 9, 2020

Class Location: Online via WebEx:

<https://dallascollege.webex.com/webappng/sites/dallascollege/meeting/download/8926a5154f57bd66db22916167b94888>

Class Resources Site: <https://www.mmlab2.rlc.dcccd.edu/faculty/link/ITSE1311/>

Certification Date: September 15 (Tuesday), 2020

Last Day to Withdraw: November 12 (Thursday), 2020

Academic Calendar

2020 Fall Academic Calendar for Wednesday Only Online Flex Term Meeting

These Dates:

Wednesday, September 2, 2020 – Wednesday, December 9, 2020

CALENDAR DATE	CALENDAR DATE DESCRIPTION
September 2 (Wednesday)	Wednesday Only Online Flex Term Begin
September 7 (Monday)	Labor Day Holiday
September 15 (Tuesday)	12th Class Day / Census Day for Wednesday Only Online Flex Term Last day to drop a course without receiving a "W" grade on transcript.
November 12 (Thursday)	Last Day to Withdraw with a grade of "W" for Wednesday Only Online Flex Term
November 26 - 29 (Thursday - Sunday)	Thanksgiving Holiday
December 9 (Wednesday)	Final Exam Day for Wednesday Only Online Flex Term
December 10 (Thursday)	Semester Ends

Course Prerequisite(s)

Suggested: IMED-1316, IMED-1416 or ITSC-1413

Official WECM Course Description

A study of mark-up language advanced layout techniques for creating web pages. Emphasis on identifying the target audience and producing web sites according to accessibility standards, cultural appearance, and legal issues.

Official WECM End-of-Course Outcomes

Demonstrate the use of World Wide Web Consortium (W3C) standards for style, accessibility, layout, and formatting; build web pages with dynamic customization capabilities; develop web sites designed for usability and cultural diversity; and utilize design strategies to increase the success of locating the site via search engines.

SCANS Skills

The Secretary's Commission on Achieving Necessary Skills (SCANS) was appointed by the Secretary of Labor to determine the skills people need to succeed in the world of work. Richland College is determined to prepare you with the knowledge and skills you need to succeed in today's dynamic work environment. Towards this goal, these workplace competencies and foundation skills have been designed into the curriculum for this course:

- Interprets and Communicates Information
- Monitors and Corrects Performance - *distinguishes trends, predicts impacts on system operations, diagnose systems performance and corrects malfunctions*
- Improves or Designs Systems - *suggest modifications to existing systems and develops new or alternative systems to improve performance*
- Writing - *communicates thoughts, ideas, information, and messages in writing; and creates documents such as letters, directions, manuals, reports, graphs, and flow charts*

Required Course Materials

If your Dallas College course requires learning materials they will be provided as part of the IncludED program (see dccc.edu/included) or as free materials you can access in your online course shell.

If you opt out of the IncludED program, you are responsible for obtaining all your required learning materials by the first day of the class (for more details: [Institutional Policies](#)).

Textbooks:

The Instructor will provide materials for this course, located [online](#).
[<https://www.mmlab2.rlc.dcccd.edu/faculty/link/ITSE1311>]. There is no textbook for this course.

NOTE: A student of this institution is not under any obligation to purchase a textbook from a university-affiliated bookstore. The same textbook may also be available from an independent retailer, including an online retailer.

Supplies:

Required Supplies for all Courses: headphones and some kind of external storage: jump drives, external hard drives, blank CD-Rs/DVDs or cloud storage like Dropbox.

You will need some means of storing and backing up the digital files for your assignments. Multiple locations for storage and backup are always preferable to only one storage location. You should consider using **several** of these types of storage:

- A local directory on your home or laptop computer, if you have a computer.
- A portable electronic storage device such as a USB jump drive or a portable hard drive.
- An online storage service such as [Dropbox](#).
- An online backup service such as [iDrive.com](#).

NOTE: A Chromebook, tablet, smartphone or Linux computer may not be suitable for some activities in this course. Please ensure you have access to a desktop or laptop device and Windows or OS X operating system.

Graded Work

The tables below provide a summary of the graded work in this course and an explanation of how your final course grade will be calculated.

Summary of Graded Work

Weekly Assignments	Points	Totals
Steps to Making a Web Site (14 assignments)	14 @ 100 points	1400 points

TOTAL: 1,400 points

Final Grade

Points	Percentages	Letter Grade
1253-1400	90-100%	A
1113-1252	80-89%	B
973-1112	70-79%	C
833-972	60-69%	D
0-832	0-59%	F

Description of Graded Work

Weekly assignments: Each assignment will contribute to your knowledge of JavaScript, jQuery, or React. The assignments will show how these scripting languages can affect the content and appearance of a small Web page.

Attendance and Your Final Grade

Attendance at each class meeting is highly recommended, but absence will not directly affect your grade. Absence may, of course, indirectly affect your grade by making it more difficult for you to understand the material in the assignment for that week.

Late Work Policy

The instructor will accept late work, without the lateness directly affecting your grade. However, if you allow too many late assignments to pile up toward the end of the semester, you may have difficulty getting all of the assignments done correctly. So obviously, it is to your advantage to work the assignments on time each week.

Institutional Policies

[Institutional Policies](#) include information about tutoring, Disabilities Services, class drop and repeat options, Title IX, and more.

Class Policies

Attendance Policy:

In order to be successful, students must attend and participate in enrolled courses.

While Richland does not have a formal attendance policy, students are expected to attend class regularly. If you know you will be missing classes this semester, please speak to your instructor about days you will be missing so you can receive information on the missed lessons and assignments.

If you are unable to attend class, please email the instructor or leave a message for the instructor at the ACCESS Office at (972) 238-6140 BEFORE THE CLASS BEGINS.

It is imperative students login to class on time and remain in class the entire session each week.

Handheld Devices Policy:

Please **turn OFF** all electronic devices during class.

Participation Policy:

Course participation is required. Ask questions and be involved with the lesson.

Students should not surf the Net, play games, send emails or work on unrelated homework/projects during class. Students should not disturb their classmates during lectures and demos.

Attention Continuing Education Students:

To receive a certificate for this course, you must make a grade of "C" or higher as a final grade. A grade average of 69% or lower is failing.

Contact the Continuing Education Office at the end of the semester to find out how to receive your certificate of completion.

The Continuing Education Office is located in Thunderduck Hall: T160, 469-666-7509, rlcce@dcccd.edu.

Course Schedule

Class Date	e-Handout Topic	Assignments	Due Dates
Sep 2	Class Introduction	A: Syllabus Acknowledgement	Sep 12
Sep 9	Introduction to Javascript	1: Introduction to Javascript	Sep 19
Sep 16	Variables, Functions, Objects, and Events	2: Variables, Functions, Objects, and Events	Sep 26
Sep 23	Data Types and Operators	3: Data Types and Operators	Oct 3
Sep 30	Decision Making	4: Decision Making	Oct 10
Oct 7	Repetition (Arrays and Loops)	5: Arrays and Loops	Oct 17
Oct 14	Window, Location, and Navigator Objects	6: Window, Location, and Navigator Objects	Oct 24
Oct 21	HTML5 Canvas	7: HTML5 Canvas	Oct 31
Oct 28	Forms	8: Forms	Nov 7
Nov 4	jQuery Introduction	9: jQuery Introduction	Nov 14
Nov 11	jQuery Events and Effects and jQuery with HTML and CSS	10: jQuery Events and Effects and 11: jQuery with HTML and CSS	Nov 21
Nov 18	React Introduction	12: React Intro	Dec 5
Dec 2	React, Continued	13: React, Continued	Dec 10
Dec 9	jQuery and AJAX		

This information is also available [online](#).

[<https://www.mmlab2.rlc.dcccd.edu/faculty/link/ITSE1311/handouts2.html>]

The Multimedia Learning Center Department's Web Sites:

Multimedia: [<https://www.dcccd.edu/cd/credit/multimedia-tech/rlc/pages/default.aspx>]

Photography: [<https://www.dcccd.edu/cd/credit/photography/rlc/pages/default.aspx>]

The Multimedia Learning Center is part of the Dallas College School of Creative Arts, Entertainment and Design.

Student Acknowledgement:

Please open the [course schedule](https://www.mmlab2.rlc.dcccd.edu/faculty/link/ITSE1311/handouts2.html) in your browser.

[<https://www.mmlab2.rlc.dcccd.edu/faculty/link/ITSE1311/handouts2.html>]

- Click on Assignment A, "Syllabus Acknowledgment", in the "Assignment" column.
- Follow the instructions there to send an acknowledgment e-mail to the instructor.
- Please make sure you put **your name** into the email at the indicated place.

8/1/20m Version