CSCI-215 Website Programming

Department of Computer Science
College of Charleston, Fall 2022

Course and Contact Information

Instructor
Thomas Moorer

Email
tcmoorer@cofc.edu

Office Location & Hours
Zoom by appointment

Class Times
Tuesday & Thursday
4:30 – 5:45PM

Class Location
Zoom (See OAKs)

Course Description

This course teaches the design and development of interactive Web pages and client-side based Web programs using JavaScript, CSS, and HTML. Students will learn how to manage elements of a Web page using the Document Object Model (DOM), create and validate forms and communicate with Web servers using current Web technologies. Lectures three hours per week. **Pre-requisites:** CSCI 115 (Web Design).

NO Required textbook. Our main resource will be w3schools.org and content in OAKS.

Student Learning Outcomes

- Develop client-side web programs using variables, basic data structures (arrays, multidimensional arrays, and associative arrays), conditional logic and branching, loops, etc.
- Create and use functions.
- Manipulate and traverse DOM.
- Create interactive web-programs (create and handle user or machine generated events).
- Create dynamic web-based programs (programmatically add, remove, and update nodes in the DOM).
- Write client-side form verification scripts.
- Learn new web technologies independently.

IMPORTANT: Online Course Format

Class will meet via Zoom for the whole semester. You must:

- **Be on time**
- **Be visible** (on camera during class)
- **Be present and engaged** – ask questions if you don't understand a topic or example.

Your grade may be affected by lack of attendance or participation in class. You will only be marked as attending class if you keep your camera on during the entire class. **Failure to do so may result in you being counted as absent on that day.** Lectures will **NOT** be recorded and you are strongly encouraged to attend all classes.

It is essential that you stay on top of the course assignments. I will post due dates and reminders, but it is your responsibility to make sure you don't get behind. We cover a lot of material in this course and will take effort on your part to work through the topics and demonstrate mastery of the concepts covered. The workload for this class will be the same as a traditional class, except our classroom will be OAKS.

This course is broken down into sections that are covered weekly. The content will be available via OAKS and will be broken down into:

- Content (or a lecture)
- Example programs that illustrate topics covered in the lecture.
- Class time will cover the "high points" in the lecture and work through code examples as time permits, but you should take the time to read through the external links and explore the topics on your own.
- Each section will have an accompanying quiz.

There will be two exams that are cumulative and emphasize the topics covered in the sections. The final project is also cumulative and will require you demonstrate topics covered throughout the course. It is imperative that you keep up with the course schedule.

Final Grade Computation

Exams (2)	40%
Quizzes (10)	20%
Final Project	40%

Grade Scale

A	90-100		
B+	85-89	B	80-84
C+	75-79	C	70-74
D+	65-69	D	60-64
F	0-59		

Test Dates

Quiz No.1	8/25
Quiz No.2	9/1
Quiz No.3	9/8
Quiz No.4	9/15
Exam No.1	**9/20**
Quiz No.5	9/29
Quiz No.6	10/6
Quiz No.7	10/13
Quiz No.8	10/27
Exam No.2	**11/3**
Quiz No.9	11/17
Quiz No.10	11/24
Final Project	**12/8**

(All dates are subject to change.)

Course Policies

Attendance Policy. Class will meet virtually via Zoom for the whole semester. Your grade may be affected by lack of attendance or participation in class. You will only be marked as attending class if are present the entire class and keep your camera on. **Failure to do so may result in an absent on that day.** Lectures will **NOT** be recorded. You are strongly encouraged to attend all classes.

About Quizzes, Exams and Assignments. Tests includes quizzes, exams, and final project. Test dates are outlined above. If you need to miss a test, you must:

- Send me an email in advance to tcmoorer@cofc.edu telling me you are planning to miss a test.
- You must coordinate an alternate time to complete the test. In general, I prefer that the late test is completed within one day. For example, if a quiz is due on 11/17 at 5PM the make-up must be completed before 11/18 at 5PM.
- A valid excused absence from the College in writing is preferred. I will evaluate non-excused absences on a case-by-case basis.

If you fail to meet the criteria above, an extension will not be given and the missed test will result in zero points. I understand that "life" happens. The criteria above are intended to be "fair" to the entire class and provide some flexibility when needed.

Academic Integrity Statement: Lying, cheating, attempted cheating, and plagiarism are violations of our Honor Code that, when suspected, are investigated. Each incident will be examined to determine the degree of deception involved. Incidents where the instructor determines the student's actions are related more to misunderstanding and confusion will be handled by the instructor. The instructor designs an intervention or assigns a grade reduction to help prevent the student from repeating the error. The response is recorded on a form and signed both by the instructor and the student. It is forwarded to the Office of the Dean of Students and placed in the student's file. Cases of suspected academic dishonesty will be reported directly by the instructor and/or others having knowledge of the incident to the Dean of Students. A student found responsible by the Honor Board for academic dishonesty will receive a XXF in the course, indicating failure of the course due to academic dishonesty. This status indicator will appear on the student's transcript for two years after which the student may petition for the XX to be expunged. The F is permanent. Students can find the complete Honor Code and all related processes in the Student Handbook at:
http://deanofstudents.cofc.edu/honor- system/studenthandbook/.

Unless otherwise stated, all assignments are an individual effort. Failure to adhere to the policy will result in a grade of zero, and a possible report to the College Honor Board. All assignments will be submitted uploaded on OAKS. No makeup exams will be given without a documented excused absence from the University.

Accommodations for Students with Disabilities: Any student eligible for and needing accommodations because of a disability is requested to speak with the professor during the first two weeks of class or as soon as the student has been approved for services so that reasonable accommodations can be arranged. Center for Disability Services/SNAP.

Inclement Weather, Pandemic or Substantial Interruption of Instruction: If in-person classes are suspended, faculty will announce to their students a detailed plan for a change in modality to ensure the continuity of learning. All students must have access to a computer equipped with a web camera, microphone, and Internet access. Resources are available to provide students with these essential tools.