Course Syllabus

**CIS-234-75 Client-Side Web Development**

**Fall 2022**

Course Description

Client-side Web Development builds on the concepts from [CIS 137 (Links to an external site.)](https://catalog.carrollcc.edu/content.php?filter%5B27%5D=CIS&filter%5B29%5D=234&filter%5Bcourse_type%5D=-1&filter%5Bkeyword%5D=&filter%5B32%5D=1&filter%5Bcpage%5D=1&cur_cat_oid=4&expand=&navoid=302&search_database=Filter&filter%5Bexact_match%5D=1#tt5369). Students will learn to use client-side technologies, programming languages and frameworks to build engaging, interactive and responsive websites. *(Fall)* *Two Hours Lecture.* *Two hours laboratory.* *Three Credits.* *Three billable hours.*

Course Start and End Dates

8/29/22 - 12/16/22

Days and Time

Online

Room Location

Online

Instructor

Amanda Bem

Office Hours

Office Hours are: Wednesdays, 4pm - 5pm on Teams.

Office Location

Online

Email

abem@carrollcc.edu

Faculty will respond to message from students within 48 hours.

Phone

Microsoft Teams

Division Chair: Robert Brown

Phone:            410-386-8224

Email:              [rbrown@carrollcc.edu](mailto:rbrown@carrollcc.edu)

Division Administrative Associate: Donna Kiple

Phone:            410-386-8226

Email:              [dkiple@carrollcc.edu](mailto:dkiple@carrollcc.edu)

Required Materials

There is no textbook. Learning resources will be listed in Canvas.

1. A text editor of your choice like notepad++, textmate, sublime, visual studio code, or atom.

2. IntelliJ WebStorm. This software requires a free student license. The free student license provides access to all of IntelliJ’s IDEs. [https://www.jetbrains.com/student/?fromMenu (Links to an external site.)](https://www.jetbrains.com/student/?fromMenu)

Course Objectives

Upon successful completion of this course, students will be able to:

1. Develop webpages that dynamically change based on the viewing device (GE2,PG2)
2. Apply styling to HTML elements programmatically. (GE2,PG2)
3. Create fluid layouts and responsive images. (GE2,PG2)
4. Create web page transitions, transformations and animations. (GE2,PG2)
5. Create web pages that use a client-side frameworks such as jQuery and Bootstrap. (GE2,PG2)
6. Debug code by fixing syntax and logical errors. (GE2,PG2)
7. Explain how a program works by going through the code line by line. (GE1,PG2,PG4,PG5)

Course Schedule

Week 1

* HTML5 & CSS3 Review

Week 2

* HTML5 & CSS3 Review

Week 3

* Javascript

Week 4

* Javascript

Week 5

* Javascript
* Intro to Front-end Frameworks

Week 6

* Using BootStrap/JQuery to create interactive, maintainable sites

Week 7

* Using BootStrap/JQuery to create interactive, maintainable sites

Week 8

Intro to Webstorm

* Using BootStrap/JQuery to create interactive, maintainable sites

Week 9

* Using BootStrap/JQuery to create interactive, maintainable sites

Week 10

* Using BootStrap/JQuery to create interactive, maintainable sites

Interacting with remote API services

Week 11

* Using BootStrap/JQuery to create interactive, maintainable sites

Interacting with remote API services

* Week 12

Using BootStrap/JQuery to create interactive, maintainable sites

Web Hosting

* Week 13

Using BootStrap/JQuery to create interactive, maintainable sites

* Web Hosting

Week 14

* Using BootStrap/JQuery to create interactive, maintainable sites
* Animations/Media

Week 15

* Using BootStrap/JQuery to create interactive, maintainable sites

Animations/Media

Week 16

* Semester Project Due

Assignment and Grade Values

Assignments (1000 points):

* Discussion\Participation (40 points)
* Labs & Exercises (600 points)
* Quizzes (160 points)
* Semester Project (200 points)

Grading Scale

* A = 900 to 1000 points
* B+ = 870 to 899 points
* B = 800 to 869 points
* C+ = 770 to 799 points
* C = 700 to 769 points
* D+ = 670 to 699 points
* D = 600 to 669 points
* F = < 600 points

Course Grade Structure

90 – 100%       A

87 – 89%         B+

80 – 86%         B

77 – 79%         C+

70 – 76%         C

67 – 69%         D+

60 – 66%         D

Below 60%      F

Attendance Policy

Regular attendance and class participation are necessary for you to successfully achieve the objectives in your courses.  Occasionally students experience emergencies (in most cases considered excused absences) that prevent them from attending class.  If you must miss a class, please provide as much notice as possible. You should email or call your instructor prior to the missed class.  Your instructor may request an approved written excuse when you return.  If you miss class due to one or more unexcused absences, your grade may be impacted, especially in classes that require class participation.  Students who have more than the equivalent of one week of unexcused absences, as determined by the number of scheduled class meetings per week (e.g., if your class meets twice a week = two unexcused absences) may miss important work that cannot be made up.  Please refer to information provided in each course syllabus pertaining to how your course grade will be calculated and the faculty timeline for providing feedback on assignments.

The College attendance policy: [College Attendance Policy (Links to an external site.)](https://catalog.carrollcc.edu/content.php?catoid=5&navoid=355&print%23%3a%7e%3atext=The+attendance+policy+of+Carroll+Community+College+is%2chigher+academic+achievement+than+those+who+do+not.&msclkid=33e72738b59e11ec886e12c3bd71368c)

Refund, Withdrawal, and Audit Policy

The refund period ends Monday, September 26, 2022 at 6pm in the Records office or 11:59 p.m. via Student Planning (some students must contact their advisor during business hours). This is also the last day to drop without a W grade. The last day to withdraw with a W grade or to audit a class is Wednesday, November 2 at 11:59 pm. All students must contact their advisor for assistance with a Withdraw or Audit.

A student wishing to withdraw from or audit some or all of their courses should understand that such withdrawal or audit is not effective until the student completes the withdrawal or audit process by emailing their advisor (Check Starfish or call 410-386-8435 for an appointment). Audit approval is at the discretion of the professor.

To qualify for a refund, students must officially drop a course.

The College refund dates: [Refund and Withdraw Policy and Dates (Links to an external site.)](https://www.carrollcc.edu/Costs-and-Aid/Refund-Policy/)

Code of Integrity for Academic and Behavioral Standards

Carroll Community College has a [**Code of Integrity for Academic and Behavioral Standards** (Links to an external site.)](https://catalog.carrollcc.edu/content.php?catoid=5&navoid=373&hl=%22section+six%22&returnto=search) to foster and promote a sense of respect and consideration of others and uphold academic honesty and social conduct (see the College Catalog).

Sometimes cheating can be unintentional.   However, it still has consequences.  You can empower yourself by learning how to avoid cheating.

The College has resources to help you.  Seek help from your professors, the library, and/or the Academic Services.

All the following are forms of academic dishonesty that can reduce your opportunities to maximize your learning:

* Sharing course assignments or assessments outside of class unless authorized by your professor.
* Sharing course materials, exams, quiz questions, or solutions with current, future, or prospective students.
* Sharing and using sites such as Chegg, Course Hero, and other contract cheating websites or apps.
* Posting your work or the work of others on the Internet
* Posting excerpts from course exams.

Doing any of the above will be viewed as a violation of Academic Integrity.  The consequences of cheating could result in an Academic Integrity Meeting and compromise your future goals.

Communicating Concerns about the Course

If a student has a concern about this class, the student should follow the steps below per the [Formal Complaint Process (Links to an external site.)](https://www.carrollcc.edu/wp-content/uploads/317-10-INF-Code-Formal-Complaint-WEB-Active-1.pdf):

1. Contact your professor. See contact information on page 1 of this syllabus.
2. If the concern is not resolved by the professor, then the student should complete the [complaint form (Links to an external site.)](https://www.carrollcc.edu/wp-content/uploads/317-10-INF-Code-Formal-Complaint-WEB-Active-1.pdf) and submit it to the professor’s supervisor, Robert Brown, [RBrown@carrollcc.edu](mailto:RBrown@carrollcc.edu), or 410-386-8224.
3. If the concern is not resolved, then the student should contact the Division Chair, Robert Brown, [RBrown@carrollcc.edu](mailto:RBrown@carrollcc.edu), or 410-386-8224**.**

Student Health and Wellness

Carroll Community College is here to help you manage personal challenges that may threaten your well-being.

College students often experience issues that may interfere with academic success, such as academic stress; sleep problems; juggling responsibilities; the need for housing, food, or transportation; life events; relationship concerns; or feelings of anxiety, hopelessness, or depression. If you or a friend is struggling, we strongly encourage you to seek support. Helpful, effective, and confidential resources are available on campus, and most are free of charge.

* If you are struggling with this class, please check in during student hours or contact me by email at ABEM@CarrollCC.edu
* Check in with your academic advisor if you are struggling in multiple classes, unsure whether you are making the most of your time at Carroll Community College, or unsure what academic resources are available at Carroll.
* Access services by completing a ‘Report A Student Concern’ by raising your hand on Starfish or ‘Student Concern & Incident Report Form’.

Visit [**https://www.carrollcc.edu/Student-Care-And-Integrity** (Links to an external site.)](https://www.carrollcc.edu/Student-Care-And-Integrity)for additional information and resources.

* **The Student Care and Integrity office is providing 24/7, confidential, remote crisis services through the Student Assistance Program (SAP). Students can call 1-800-327-2251 and speak with an expert counselor or download the BHS APP, or visit https://www.BHSonline.com Username: CARROLLCC**

In the event I suspect you need additional support, I will express my concerns and the reasons for them, and remind you of resources that might be helpful to you.  It is not my intention to know the details of what might be bothering you, but to let you know I am concerned and that help, if needed, is available.

Getting help is a smart and courageous thing to do -- for yourself *and*for those who care about you.

Academic Center

Click [here](https://carrollcc.instructure.com/courses/1070) to connect to our tutoring team. We are here to support you!

Additional Policies and Information

The following policies are detailed in the Learning Management System:

Inclement Weather

Disability Services

Title IX Compliance