SCOTTSDALE COMMUNITY COLLEGE
A MARICOPA COMMUNITY COLLEGE

Course Information

Semester & Year:	Spring 2025
Course Title:	Internet/Web Development Level II
Course Prefix & Number:	CIS233DA
Section Number:	29091
Credit Hours:	3.0
Start Date:	01/28/2025
End Date:	05/9/2025
Room Number:	CM443
Meeting Days:	Tuesday
Meeting Times:	12:30PM – 2:25PM

Course Format

The course format for this course is Hybrid-In Person with multiple-attendance options (MAO) course. This means the Tuesday class meeting is optional (I will not take attendance). In-person meetings will not be recorded or streamed live.

Instructor Information

Instructor:	Nancy Dedakia
Email:	nancy.dedakia@scottsdalecc.edu
Phone:	480-423-6574
Office Location:	Virtual; CM410
Office Hours:	See Faculty Page
Lab Hours:	See Faculty Page

Course Description

Plan, design and create web sites using HTML and Advanced Cascading Style Sheets (CSS). Expedite the development process using CSS frameworks and libraries. Enhance user experience and web site functionality using supporting technologies. Exploration of User Interface (UI) and User Experience (UX), best practices, accessibility, strategies, and careers in web design and development.

Prerequisites

A grade of C or better in CIS133DA or permission of Instructor.

Course Competencies

1. Create and incorporate advanced web design features and enhancements. (I-IV, VI, VII)
2. Differentiate and use HTML editors and other tools for web development. (I, IV, VI)
3. Explain and apply the web development life cycle within web development projects. (I-III, VIII)
4. Utilize techniques for creating, publishing, and improving the marketability and usability of web sites. (I, VIII)
5. Describe the roles of front-end and back-end web development. Demonstrate knowledge of the interactions between markup languages and supporting client-side programming languages and databases. (II, III, V)
6. Incorporate a variety of media technologies into web pages. (II, III, VI)
7. Utilize modern responsive, usable, and accessible web design and development best practices. (I, IV, IX)
8. Examine and evaluate current topics in web design and development, including careers, internationalization, social implications, technical issues, and legal concerns. (I, VII, IX)
9. Differentiate and implement User Interface (UI) and User Experience (UX) concepts. (X)

Texts and Course Materials

We will be utilizing a variety of resources available on the internet for this course including but not limited to the following:

- The Missing Link An Introduction to Web Development by Mendez

- YouTube Videos
- W3Schools
    - HTML
    - CSS
    - JavaScript
- Scottsdale Community College Library

Course Technologies

View the Accessibility Statements & Privacy Policies of technologies used in this course.

Maricopa Systems

This course uses key Maricopa systems for course management and communication.

- Canvas Learning Management System
- Student Maricopa Gmail Account
- Maricopa Open Educational Resource Learning System (MOER)

Synchronous Communication Tools

This course implements the use of web conferencing and/or other synchronous course tools.

- WebEx
- Big Blue Button

Streaming Media/Audio/Video Tools

This course uses webcasting, lecture capture systems, YouTube, and/or other streaming media services.

- YouTube

Student Assignment Tools

This course requires students to participate in or submit assignments using desktop or cloud-based applications.

- Google Products
- Microsoft Office 365
- Visual Studio
- Adobe Creative Cloud

- Balsamiq

Course Policies

The following are policies specific to this course. Students are also responsible for the college policies included on the Student Regulations page of the Maricopa Community College District website.

Generative Artificial Intelligence (AI) Policy

Opening Statement Regarding Generative Artificial Intelligence (AI)

The World Economic Forum defines generative AI as “a category of artificial intelligence (AI) algorithms that generate new outputs based on the data they have been trained on. Unlike traditional AI systems that are designed to recognize patterns and make predictions, generative AI creates new content in the form of images, text, audio, and more.”

Some examples of generative AI tools include but are not limited to: ChatGPT, Google Bard, Microsoft Copilot, Stable Diffusion, GrammarlyGo, and Adobe Firefly.

Some Generative Artificial Intelligence (AI) Allowed in Specific Circumstances

There are situations and contexts within this course where you may be permitted to use generative AI tools. In these cases, specific guidelines will be provided in the assignment details. If you are unsure if the tool or website you are using is a generative AI tool or if it is permitted on a specific assignment, please contact the instructor for further clarification before submitting your work.

Late Work Policies

Assignments are due by 11:59 pm on the assigned due date in Canvas. Late assignments will not be accepted after 48 hours of the original deadline. A 10% deduction in points will be applied per day for a total of two (2) days (maximum 20% deduction) to assignments submitted late. Assignments submitted more than 48 hours late will receive a score of zero (0).

The following types of assignments will not be accepted late:

- Extra credit assignments

- Exams
- Final Project

Commenting Code

As part of an assessment of your understanding of the course competencies you will be required to comment on your code that is submitted for assignments. This ensures that the instructor will be able to follow your intention and provide feedback. Requirements for commenting code will be within the Canvas course.

Classroom Conduct

The goal in our classroom is to have a conducive learning environment for ALL students. Begin by **carefully reviewing the College Policies in your First Steps Module of our Canvas Course**. Specifically, the following student expectations from the Code of Civility section are critical to your success in this course.

- Treat everyone with respect including your instructor, classmates, and any guest speakers.
- Arrive on time and if arriving late, please minimize any disruptions to the lecture/class in progress.
- Use technology responsibly this includes setting your phone to vibrate/silence mode and only working on classroom-related activities when using the computer/laptop/device in class.
- Be prepared for class sessions.
- Participate in class activities.
- Follow instructions and complete assignments.
- Keep up with and turn in assignments by due dates.
- Put forth your best efforts.
- Consider exchanging contact information with two classmates to keep current.
- Ask questions when you don't understand.
- Maintain knowledge of your grade status.
- Contact your instructor immediately about concerns or situations that may interfere with your success in class.

Academic Conduct

In addition to the general college Academic Honesty policy stated in the Canvas course under the Course and College Policies section, the following additional polices apply to this course:

The highest standards of academic integrity are expected of all students. The failure of any student to meet these standards may result in suspension or expulsion from

the College or other sanctions as specified in the Scottsdale Community College Academic Integrity Policy. Violations of academic integrity include, but are not limited to, cheating, fabrication, tampering, plagiarism or facilitating such activities. Specific examples of academic misconduct relating to this course include:

- Copying another student's work and turning it in as one's own.
- Submitting another student's file as your own.
- Working jointly on an assignment, with each student turning in a copy of the joint product, creating the impression that each student completed the work independently

Each student must complete his/her own work on his/her own computer with his/her own data files. If you are caught turning in another student's work, **both students will receive a zero and may be withdrawn for academic misconduct from the class with a grade of 'Y'. Cheating on an exam will result in immediate withdrawal for academic misconduct from the course with a grade of 'Y'.**

Grading Standards & Practices

Grade Scale

Letter Grade	Points Range
A	90 – 100%
B	80 – 89%
C	70 – 79%
D	60 – 69%
F	0 – 59%

Final Grade Calculation – Grade Weighting

Although the total amount of points earned in the class may vary, your final grade will beweighted as follows:

Requirement	% Weight of Final Grade
Assignments and Quizzes	60%
Capstone Project One	10%
Capstone Project Two	10%

Capstone Project Three	20%
Total	100%

Student/Instructor Interaction

In this course, you can expect regular and substantive interaction (RSI) that aligns with Scottsdale Community College's mission to provide challenging and supportive learning experiences and the US Department of Education's requirement for regular and substantive interaction (RSI) for online courses. My commitment to your success includes the following:

- Being available during regularly scheduled student office hours as stated in the syllabus.
- Providing group or individual feedback regularly on assignments.
- Promptly responding to student questions about the course sent via the Canvas inbox.
- Regularly posting announcements about the course content and activities.
- Monitoring your academic progress and communicating concerns, as needed.

Response Time

Students can expect a response time of 24 to 48 business hours or less for the instructor to respond to messages sent via the Canvas Learning Management System or email. Students can expect assignments to be graded within 7 days of the assignment's due date. The expectation is for the student to monitor messages within Canvas as this will be the primary method for communication for this course.

Attendance Policy

Students must participate in this course within the **first three (3) days** of the start date or they will be withdrawn.

Students who do not participate for **two (2) weeks consecutively** (or for one (1) week during an 8-week course), or not participate for more than 3 weeks within the semester will be withdrawn for non- attendance. Participation is defined as follows:

- Submitting homework on or before due dates
- Participating in discussions/critiques over the course of a due date
- Completing exams/quizzes/assignments on or before due dates

Note: Just logging into the Canvas course does **NOT** count as participation.

Withdrawal Policy

In addition to the general college Withdraw policy, the following additional withdraw policies apply to this course:

- Students must participate in this course within the first three (3) days of the start date or they will be withdrawn.
- After two weeks of not participating, which means not submitting assignments you may be withdrawn from this course. Extreme personal or medical crisis will be evaluated on a case by case basis and written proof is required.
- Students who do not have the copies of the required materials by the end of the 2nd week of the course will be withdrawn.
- Failure to complete the CIS233 Policy Acknowledgement and syllabus assignment with 100% mastery within the required timeframe will be withdrawn from this course.
- Failure to meet Academic Integrity and Conduct requirements and respectfully discussion requirements as stated within the syllabus may result in being withdrawn from this course.
- The official date of withdrawal is the last date of attendance as determined by the student's withdrawal or as reported by the instructor. The official date of withdrawal will determine the degree of refund, if any. See Refund Policy in the SCC College Catalog.

Instructional Contact Hours (Seat Time)

This is a three (3) credit-hour course. Plan to spend at least three hours on course content or seat time (direct instruction) and six hours on homework weekly. Accelerated courses will require additional time per week.

CIS Study Lab

We urge CIS students to utilize the **CIS Study Lab** This lab is used for hands-on classwork and is staffed with CIS instructors. Any SCC student currently enrolled in a CIS course may use this lab. A detailed lab schedule with instructor-assigned times and locations is posted in your Canvas course.

Online Tutoring

SCC's tutors are available online to help with your courses. You may work with an SCC tutor remotely using Google Meet, your phone, or email. Visit the Tutoring & Learning Centers page for detailed information on the five learning center's hours and procedures.

As much as possible, it is highly recommended that you utilize SCC tutors since they are more familiar with SCC coursework, instructor expectations, and assignments; however, if you need to work with a tutor outside regular hours, online and hybrid students now have access to a 24/7 online tutoring service called Brainfuse. Brainfuse provides online tutoring in a variety of academic subjects. Each student may utilize up to 6 hours of online tutoring through Brainfuse per semester, and has the option of requesting additional time if needed.

To access Brainfuse and begin working with a tutor:

1. Visit the SCC Online Tutoring Services Through Brainfuse page (https://www.scottsdalecc.edu/students/tutoring/online-tutoring)
2. Click the **Visit a tutor online** button
3. Enter your MEID and password
4. Choose your topic and subject
5. Click the **Connect** button

Please use your time effectively and be prepared with your questions before you connect to a tutor. Tutors and students communicate in real-time so whatever you type, draw, or share on the screen, the tutor sees, and vice versa. You may also want to have screenshots ready if applicable. All Brainfuse sessions are recorded for review later.

Learning Tools and Your Privacy and Security

SCC utilizes a variety of software applications and web-based tools operated by third party vendors to support student learning. To allow student access to the application, site or tool, certain identifiable information may be required to establish a user name or password, and submit work and/or download information from these tools. Inherent with all internet-based tools, there is a risk that individuals assume when electing to use these tools, as they may place information at risk of disclosure.

To use learning tools responsibly, please observe all laws and the Maricopa Community College District Student Conduct Code, such as copyright infringement, plagiarism, harassment or interference with the underlying technical code of the software. As a

student using a learning tool, you have certain rights. Any original work that you produce belongs to you as a matter of copyright law. You also have a right to the privacy of your educational records. Your contributions to learning tools constitute an educational record. By using the tool, and not taking other options available to you in this course equivalent to this assignment that would not be posted publicly on the internet, you consent to the collaborative use of this material as well as to the disclosure of it in this course and potentially for the use of future courses.

Students are responsible for the information contained in this syllabus, the Syllabus page in your Canvas course and the **College Policies & Student Services** page found in the First Steps module of your Canvas course. Students will be notified by the instructor of any changes in course requirements or policies.