Klamath Community College

Course Syllabus

Course Name	Course Code	Term/Year	Start Date	End Date	Location
Interm/Adv Web Development - HTML5	CIS 196 01 DE	SP2025	03/31/2025	06/13/2025	Online

INSTRUCTOR INFORMATION

Name- Megan Baker
Email- bakerm@klamathcc.edu
Phone Number- 541-880-2362
Office Hours- By request

COURSE DESCRIPTION

This course builds upon basic manual coding skills from CIS 195 and teaches how to develop web documents using new elements, attributes and selectors introduced in HTML5 (Hypertext Markup Language version 5) and CSS3 (Cascading Style Sheets version 3). Students learn to create web pages using the HTML5 structure elements, embed video and audio, and develop cross-browser user-input forms. Use CSS3 to position and format content, and to create effects such as transformations, transitions and animation. Students also learn basic JavaScript coding, and use HTML5 APIs (application programming interfaces) to extend the functionality of web pages with modern features such as geolocation, drag-and-drop, canvas and offline web applications. Corequisite: CIS 196L.
Credit Hours- 3.00
Prerequisite: CIS 195 and CIS 195L   Corequisite: CIS 196L.
Class Times- Asynchronous

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COURSE REQUIREMENTS

Course Materials-
Students will need to install Visual Studio Code on their working computer.

Responsive Web Design with HTML5 and CSS - Fourth Edition: Build future-proof responsive websites using the latest HTML5 and CSS techniques 4th ed. Edition by Ben Frain. ISBN 180324271X

Computer Requirements –

- If students do not have access to a computer off campus, there are many computers on campus (Building 3, 5, 6, 8, and LRC) students are welcome to use to participate fully in their courses. Most public libraries also have computers with internet access available.
- Students will need to have an up-to-date browser and operating system. Students may need some additional software on their computers to take this class. Check the KCC Distance Education webpage for hardware & software requirements. https://www.klamathcc.edu/en-US/academics/center-for-teaching-and-learning/online-how-to.html
- Some of the documents in this course will be available to you in PDF form. If you do not have Adobe Acrobat Reader software on your computer, you can download it by going to http://get.adobe.com/reader/ .

Course Learning Outcomes

1- Apply advanced coding techniques to Webpage layout design and development
2- Apply advanced coding techniques to Directory and file management
3- Apply advanced coding techniques to Use of web interface to access remote host
4- Apply advanced coding techniques to Manage production flow of website content
5- Apply advanced coding techniques to Source and optimize image files
6- Apply advanced coding techniques to Design using background images
7- Apply advanced coding techniques to Work with Cascading Style Sheets – CSS

Grading Policy

This course contains a total of 1000 points:
- Labs: 900 pts
- Discussion: 50 pts
- Quizzes: 50 pts

Letter grade equivalencies:

- 90-100% (superior performance) = A;
- 80-89% (quality performance) =B;
- 70-79%=C (competent performance);
- 60-69%=D (deficient performance, but passing);
- 0-60%=F (failure to meet minimum requirements).

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Late Work Policy

Assignments will close the Monday after they are due at 11:59 PM. Students must contact the instructor to reopen the assignment for late work. There is no grade reduction penalty for late work.

Discussion Board Participation

Students are expected to actively participate in the discussion board when assigned. Students are required to post an initial response to the discussion board prompt(s) no later than Wednesday at 11:59 of the current week's discussion board. Then each student must respond to the initial postings of at least two classmates.
If a student fails to participate appropriately, the following actions may be taken:
1. The student will be dropped from the course,
    OR
2. If the date for dropping a course without penalty has passed, the student will receive a failing grade, unless prior arrangements have been made between the instructor and student.

A student who seeks an exception to this policy must do so in advance of the absence and/or provide documentation of the emergency that caused it, as determined by the instructor.

Weekly Course Schedule

Week	Lecture Topic/Reading	Assignment	Quiz	Discussions (DE Only)
1	Visual Studio	Lab 1: Visual Studio	Syllabus Quiz	Introduction
2	Web Media	Lab 2: Web Media		Help discussion (Optional)
3	Responsive Design	Lab 3: Responsive Design		Help discussion (Optional)
4	CSS Pre-processors and Effects	Lab 4: CSS Effects		Help discussion (Optional)
5 & 6	JavaScript	Lab 5: Beginning JavaScript		Help discussion (Optional)
7	JavaScript DOM	Lab 7: Using JSON Files		Help discussion (Optional)
8	Even Handling	Lab 8: Events in JS		Help discussion (Optional)
9	Forms and RegEx	Lab 9: Magic 8 Ball		Help discussion (Optional)
10 & 11	APIs & React	Lab 10: Weather API		Help discussion (Optional)