



ICS-107 – Web Site Development

Welcome to the Web Site Development course. This course is designed to give you a basic understanding of web design and coding. By the end of the course, you should be able to:

- Plan and develop a web site.
- Use xHTML and CSS to create, edit, and maintain a web site.
- Enhance your web site with audio and video files.
- Use FTP to publish a web site.
- Create web pages that look the same in different browsers (Internet Explorer, Firefox, and Safari).

Instructor Information

David Maxson
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Office Hours: Online

Student Learning Outcomes

The student learning outcomes for this course are:

- Describe the web development cycle.
- Identify the planning process of a web site including goals, target audience, content.
- Develop an understanding of the differences between browsers, monitor size and resolutions, and other aspects that affect web site design.
- Develop the concept and logical design for a website.
- Demonstrate an understanding of basic web markup language.
- Utilize appropriate web site creation tools.
- Design a user interface and user services for a website.
- Create a website incorporating usability and ADA accessibility standards.
- Utilize appropriate multimedia elements such as graphics, audio and video in web site creation.
- Illustrate how to test and publish a website.

Grading

Your final grade will be determined using a series of projects:

1. Projects from Weeks 1 – 14 are worth 30 points per week for a total of 420 points.
2. The Final Project is worth 380 points.
3. Each project will have a rubric associated with it. Make sure you check the rubric before turning in your assignment.

Your letter grade is based upon the number of points you earn.

- A – 720 to 800 points.
- B – 640 to 719 points.
- C – 560 to 639 points.
- D – 480 to 559 points.
- F – 0 to 479 points.

Bonus points may be earned to demonstrate knowledge in certain areas and will only be allowed in sections you performed poorly in. Check with the instructor for bonus assignments.

Resources

Your textbook for this class is *Programming The Web Using xHTML and JavaScript* from McGraw-Hill.

We will use Lulima for submitting and returning all assignments, including extra credit assignments. All grades will be posted in Lulima and you will be able to track your progress by utilizing the grade book. In addition, there will be discussion boards in Lulima where you may post or answer questions. Use the private message tool in Lulima to contact the instructor.

Other resources

- Tutoring may be available from the TRIO office in Na'auao 146 on the WCC campus.
- The Library and The Learning Center at WCC have computers configured with all of the software needed for this class.

Statement and Policies

Disabilities Accommodation Statement

If you have a physical, sensory, health, cognitive, or mental health disability that could limit your ability to fully participate in this class, you are encouraged to contact the Disability Specialist Counselor to discuss reasonable accommodations that will help you succeed. Ann Lemke can be reached by phone at 235-7448, by email at lemke@hawaii.edu, or by stopping by her office in Hale 'Akoakoa 213 for more information.

Academic Dishonesty - Cheating and Plagiarism

You are responsible for the content and integrity of all work you submit. The guiding principle of academic integrity will be that all files, work, reports, and projects that you submit are your own work. See page 16 of the Windward Community College catalog for further clarification.

You will be guilty of cheating if you:

- Represent the work of others as your own (plagiarism).
- User or obtain unauthorized assistance in any academic work.
- Give unauthorized assistance to other students.
- Modify, without instructor approval, an examination, paper, record, or report for the purpose of obtaining additional credit.
- Misrepresent the content of submitted work.

If you are caught cheating on an exam you could be placed on probation for a semester.

Netiquette

Whenever you post something to the discussion board or other online forums, you are expected to follow proper netiquette. Be respectful at all times. Do not use obscene language or make disparaging comments, even if it is meant as a joke. Remember that others cannot see your facial expression nor hear your tone of voice, so they will not know you are trying to be witty. Do not use all caps. Using all caps is normally interpreted to be shouting.

Discussion Boards

Discussion boards are to be used for class work only. Do not post political or other comments or statements, nor solicit sales for any type of product. Your instructor will be monitoring all communication in Lulima and will take appropriate action when necessary.

Schedule

Week	Lesson	Assignment
1	Introduction to ICS-107 and Lualaba	1.1, 1.2
	UH Personal Web Site	1.3
2	Introduction to xHTML	2.1
	Structure of a Tag	2.2
	Required Tags	2.3
	Web Site Design – Determine the site’s purpose	2.4
3	p, br, header (h1 – h8), and center tags	3.1
	Web Site Design – Who is the audience	3.2
4	font tag	4.1
	em, strong, i, b, blockquote tags	4.2
	Comments and Character Codes	4.3
	Web Site Design – Draw the page layout	4.4
5	Image File Types, File Paths, a tag	5.1
	img tag and alt attribute	5.2
	Web Site Design – Color scheme	5.3
6	Unordered vs. Ordered lists; ul and li tags	6.1
	ol tag	6.2
	dl and dt tags	6.3
	Web Site Design – Usability issues	6.4
7	Using tables; table, tr, and td tags	7.1
	th tag and captions	7.2
	borders, alignment, padding, and spacing	7.3
8	Using tables for layout	8.1
	Multimedia; embed tag	8.2
9	Introduction to CSS	9.1
	Inline styles, Styling the background	9.2
	Internal style sheet declarations	9.3
10	External style sheets	10.1
	Styling fonts and colors	10.2
	Styling text; span tag	10.3
11	Using CSS to set dimensions	11.1
	Styling borders	11.2
	Styling bullets	11.3
12	Using CSS for Positioning and Page Flow	12.1
13	CSS Classes and IDs	13.1
	The div tag	13.2
14	Using CSS for layout	14.1
15	Final Project	Final Project
Finals	Final Project Due	Final Project