



ICS 107 – Web Site Development

3 Credits | CRN 62252
Distance Learning

INSTRUCTOR: Alex Sue
OFFICE: Hale Palanakila 119
OFFICE HOURS: By appointment
EMAIL: asue@hawaii.edu
EFFECTIVE DATE: Spring 2024

WINDWARD COMMUNITY COLLEGE MISSION STATEMENT

Windward Community College offers innovative programs in the arts and sciences and opportunities to gain knowledge and understanding of Hawai'i and its unique heritage. With a special commitment to support the access and educational needs of Native Hawaiians, we provide the Ko'olau region of O'ahu and beyond with liberal arts, career and lifelong learning in a supportive and challenging environment — inspiring students to excellence.

CATALOG DESCRIPTION

An introduction to the concepts and skills for developing websites from planning through publishing. Design, usability, accessibility, markup and styling language, and integrating media will be emphasized. Web development software utilized.

Recommended Preparation: Intermediate computing skills including file management and common computing skills: cut, copy, paste, open/save files, web search.

STUDENT LEARNING OUTCOMES

As a result of taking this course, students can expect to attain the following outcomes:

1. Demonstrate the website development cycle.
2. Use appropriate web development software to create an effective website that communicates a message, incorporates appropriate media, and adheres to usability and accessibility standards.
3. Describe ethical issues involved in the development and use of websites.

CERTIFICATE OF COMPETENCE IN WEB SUPPORT

This course is required for the Certificate of Competence in Web Support. The Information Computer Science Certificate of Competence in Web Support is a competency-based program designed for the novice or professional information worker who has little to no experience in Web support. This certificate is appropriate for upgrading the Web skills of industry members or for administrative support occupations.

Required Course:

- ICS 107: Web Site Development (this course)

Your choice of two of the following:

- ICS 119: Introduction to Social Media
- ICS 123: Introduction to Digital Audio/Video Production
- ICS 203: Digital Image Editing
- ICS 207: Building Web Applications

COURSE TASKS AND STUDENT LEARNING OUTCOMES ALIGNMENT

Student Learning Outcomes	Website Project	Learning Exercises	Required Discussions	Exams
Demonstrate the website development cycle.	All milestones		Define discussion	Exam 1, Final Exam
Use appropriate web development software to create an effective website that communicates a message, incorporates appropriate media, and adheres to useability and accessibility standards.	All milestones	All exercises	Web host discussion	All Exams, Final Exam
Describe ethical issues involved in the development and use of websites.			Ethics discussion	Exam 4, Final Exam

ASSESSMENT TASKS AND GRADING

Assignments: All assignments, lessons, and exercises will be posted online. Students are responsible for checking Lualima frequently. Assignments should be submitted to Lualima unless otherwise specified. All work must be the student's own work.

Late work: Unless otherwise specified, assignments may be submitted up to one week late for an automatic penalty of 10%. No assignments will be accepted after **Wednesday, May 1, 2024**, the last day of instruction for Spring 2024.

Exams: The Mini-Exams will be based on class lessons covered within that portion of the class. The Final Exam will be comprehensive. All exams will be in the question-and-answer format (not hands-on). Completing all the assignments will be an immense help in completing the exams with a high score. Exams may not be submitted late.

Assignments	Points	Percentage of Total
Learning Exercises	160	28%
Discussions	15	3%
Website Project	250	43%
Mini-Exams	90	16%
Final Exam	60	10%
GRAND TOTAL	575	100%

Final grades for the course will be as follows:

A	90-100% of possible points
B	80-89% of possible points
C	70-79% of possible points
D	60-69% of possible points
F	0-59% of possible points

LEARNING RESOURCES

Required Texts: No printed text is required. All materials will be available through Lualima.

Online Resources:

- **Lualima:** <https://lualima.hawaii.edu>

Recommended Software:

- **Brackets:** <https://brackets.io/>
- **VS Code:** <https://code.visualstudio.com/>

ADDITIONAL INFORMATION

Business-like behavior: ICS courses at Windward Community College are part of the Business department. In order to fulfill the objectives of the Business department, students are expected to present business-like behavior. Business-like behavior includes:

Time-management: Since this is a distance learning class, it will be up to you to schedule enough time to complete the lessons each week. Don't wait until the last minute to complete assignments. This is true in almost any class, but can be more of a challenge since there are no physical meetings.

Online Discussions: Be courteous in online discussion areas.

Turn in assignments on time: Start assignments well before the due date. If situations arise which prevent assignments from being completed on time, notify the instructor right away.

Ask for assistance: In a business, if you were uncertain about what to do, you would ask your boss for direction. In this class, ask the instructor for assistance.

Office Hours: Since this is a distance learning course, there will be no set office hours. Instead, please feel free to arrange an appointment, either face-to-face or virtual, with the instructor.

Email: Please use your UH email address for this course. Any information regarding the class will be sent to your UH email address, so check your email frequently. Email is also the preferred method of contacting the instructor. The instructor will respond to emails within 24 hours, excluding weekends and holidays.

ACADEMIC INTEGRITY

Work submitted by a student must be the student's own work. Academic dishonesty includes, but is not limited to, file sharing (giving or receiving files between students), more than one student working on the same file, and copying work in full or in part from another student or other sources such as the Internet. Any student caught cheating will automatically receive a 0 for the assignment. In addition, a report of the incidence will be filed, which may result in the student being expelled from the school. For more information, please see the college catalog for the school's policy on academic dishonesty.

STAR-BALANCE

At Windward Community College we want every student to be successful. Star-Balance is a system-wide service that allows instructors to refer students to specific services such as tutoring, the writing center, or advising. It also allows instructors to send kudos to students who are doing well. At this time, I am only able to provide feedback through Star-Balance for students whose home campus is Windward Community College. The purpose of this system is to help students be successful in the class, so if I do refer you for any services, please know that I am doing so in an effort to help you, as your success is important to me.

DISABILITIES ACCOMMODATIONS

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 Accessibility Counselor to discuss reasonable

accommodations that will help you succeed in this class. Jodi Asato can be reached at (808) 235-7472, jodiaka@hawaii.edu, or you may stop by Hale Kāko’o 105 for more information.

SEX DISCRIMINATION AND GENDER-BASED VIOLENCE RESOURCES (TITLE IX)

Windward Community College is committed to providing a learning, working, and living environment that promotes personal integrity, civility, and mutual respect and is free of all forms of sex discrimination and gender-based violence, including sexual assault, sexual harassment, gender-based harassment, domestic violence, dating violence, and stalking.

If you or someone you know is experiencing any of these, WCC has staff and resources to support and assist you. To report an incident of sex discrimination or gender-based violence, as well as receive information and support, please contact one of the following:

Leslie Cabingabang, UH System Confidential Advocate
Phone/Text: (808) 348-0432 or (808) 341-4952
Email: advocate@hawaii.edu
Office: Hale Kāko’o 107 (Wednesdays)

Mykie E. Menor Ozoa-Aglugub, J.D., Title IX Coordinator
Phone: (808) 235-7468
Email: mozoa@hawaii.edu
Office: Hale Kāko’o 109

Desrae Kahale, Mental Health Counselor & Confidential Resource
Phone: (808) 235-7393
Email: dkahale3@hawaii.edu
Office: Hale Kāko’o 101

To file a report online: <https://report.system.hawaii.edu/student>

As a member of the University faculty, I am required to immediately report any incident of sex discrimination or gender-based violence to the campus Title IX Coordinator. Although the Title IX Coordinator and I cannot guarantee confidentiality, you will still have options about how your case will be handled. My goal is to make sure you are aware of the range of options available to you and have access to the resources and support you need.

For more information regarding sex discrimination and gender-based violence, the University’s Title IX resources and the University’s Policy, Interim EP 1.204, go to manoa.hawaii.edu/titleix/

BASIC NEEDS STATEMENT

Basic needs include food and housing, childcare, mental health, financial resources and transportation, among others. Student basic needs security is critical for ensuring strong academic performance, persistence and graduation and overall student well being. If you or someone you know are experiencing basic needs insecurity, please see the following resources:

UH System Student Basic Needs: <https://www.hawaii.edu/student-basic-needs/>

WCC Student Basic Needs: <https://www.hawaii.edu/student-basic-needs/resources/windward/>

ALTERNATE CONTACT INFORMATION

If you are unable to contact the instructor, have questions that your instructor cannot answer, or for any other issues, please contact the Academic Affairs Office:

- Location: Alaka'i 121
- Phone: (808) 235-7422

TENTATIVE SCHEDULE

Week	Topic
Week 1 1/8/2024	Introduction to ICS 107 Website Development & File Management Site Setup HTML Basics
Week 2 1/15/2024	Time Management Layout Structures Develop for Accessibility & Usability
Week 3 1/22/2024	Web Media Mini-Exam 1 Defining & Planning the Site Submit a topic for your Website Project
Week 4 1/29/2024	Milestone 1 Due Start collecting content for Web Project
Week 5 2/5/2024	Easing Website Creation Milestone 2 Template Due
Week 6 2/12/2024	Ethics for Web Developers Mini-Exam 2
Week 7 2/19/2024	CSS – Basics CSS – Navigation & Layout
Week 8 2/26/2024	More CSS Design to CSS CSS & Sites
Week 9 3/4/2024	Mini-Exam 3 Working with Tables Creating Web Forms
3/11/2024	SPRING BREAK
Week 10 3/18/2024	Milestone 3 Due
Week 11 3/25/2024	Web Programming & CSS Effects
Week 12 4/1/2024	Finishing Touches Testing Sites
Week 13 4/8/2024	Milestone 4 Due

Week	Topic
Week 14 4/15/2024	Publishing & Maintenance Web Hosts Mini-Exam 4 Due
Week 15 4/22/2024	Milestone 5 Moving your site
Week 16 4/29/2024	Milestone 5 Due Moving your site
Finals Week 5/6/2024	Final Exam

Please note that the schedule may change as necessary