ICS107 – Web Site Development
3 Credits
CRN: 64198 - Monday 5:30-8:00 pm Noeau 123
CRN: 64201 - Distance Learning

INSTRUCTOR: Vanessa Cole
EMAIL: vanessa@hawaii.edu (preferred method of contact) Use your UH email address
OFFICE HOURS: See course web site, Additional hours available by appointment
EFFECTIVE DATE: Spring 2012

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 O‘ahu’s Koʻolau region and beyond with liberal arts, career and lifelong learning in a supportive and challenging environment — inspiring students to excellence.

CATALOG DESCRIPTION

This course presents concepts for creating web sites from design through publishing. Hands-on activities will include working with graphics and other multimedia elements, and developing professional web sites. Web pages will be designed for marketing, providing news, showing information, and sharing opinions. A variety of Internet resources will be demonstrated and subsequently explored by students. Design, usability, accessibility, web markup language, and integrating other elements will be emphasized.
PREREQUISITE: Basic computing skills.

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. Courses Required: ICS 107: Web Site Development, ICS 123: Introduction to Audio and Video Editing, ICS 214: Fundamentals of Design for Print and Web

STUDENT LEARNING OUTCOMES

The student learning outcomes for the course are:
- Demonstrate the Web development cycle of defining, planning, building, testing, publishing, and maintenance.
- Recognize the differences between browsers, monitor size and resolutions, and other aspects which affect web site design.
- Evaluate and utilize Web development software tools.
- Create an effective website incorporating usability and ADA accessibility standards and utilizing appropriate multimedia elements.
- Describe ethical issues involved in the development and use of websites.
ASSESSMENT TASKS AND GRADING

<table>
<thead>
<tr>
<th>AREA</th>
<th>POINTS</th>
<th>Percentage of Total</th>
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</thead>
<tbody>
<tr>
<td>Learning Exercises</td>
<td>120</td>
<td>20%</td>
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<tr>
<td>Web Site Project</td>
<td>240</td>
<td>40%</td>
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<tr>
<td>Topic Report</td>
<td>60</td>
<td>10%</td>
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<tr>
<td>Discussions</td>
<td>30</td>
<td>5%</td>
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<tr>
<td>Midterm Exam</td>
<td>60</td>
<td>10%</td>
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<tr>
<td>Final Exam</td>
<td>90</td>
<td>15%</td>
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<td><strong>GRAND TOTAL</strong></td>
<td><strong>600</strong></td>
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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

Points are deducted for late assignments (10% per week). Assignments are not accepted more than 3 weeks late. All work must be turned in by the last day of instruction for the semester. No incompletes or N grades will be given. You must take responsibility to complete the course or withdrawal.

ASSIGNMENT AND STUDENT LEARNING OUTCOMES ALIGNMENT

<table>
<thead>
<tr>
<th>Student Learning Outcomes</th>
<th>Website Project</th>
<th>Exercises</th>
<th>Topic Report</th>
<th>Discussion Assignments</th>
<th>Exams</th>
</tr>
</thead>
<tbody>
<tr>
<td>Demonstrate the Web development cycle of defining, planning, building, testing, publishing, and maintenance.</td>
<td>✔️</td>
<td>✔️</td>
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<td>Recognize the differences between browsers, monitor size and resolutions, and other aspects which affect web site design.</td>
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<td>✔️</td>
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<tr>
<td>Evaluate and utilize Web development software tools.</td>
<td>✔️</td>
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<tr>
<td>Create an effective website incorporating usability and ADA accessibility standards and utilizing appropriate multimedia elements.</td>
<td>✔️</td>
<td>✔️</td>
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<td>✔️</td>
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<tr>
<td>Describe ethical issues involved in the development and use of websites.</td>
<td></td>
<td>✔️</td>
<td>✔️</td>
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LEARNING RESOURCES

**Required Texts:** No printed text is required. Students will be required to access online articles, web sites, and other electronic information.

**Required Software:** Dreamweaver. Distance learning section students may purchase a student license from the WCC bookstore.

**Online Resources:**
- **Course Website:** [http://vanessa.wcc.hawaii.edu/ICS107](http://vanessa.wcc.hawaii.edu/ICS107)
- **Laulima:** [https://laulima.hawaii.edu/portal](https://laulima.hawaii.edu/portal)
ADDITIONAL INFORMATION

Attendance & Participation

- Classroom section: Students who attend class regularly are better equipped to complete the assignments and score better on exams.
- Distance learning section: The same amount of time as normal classroom courses is required to complete the work for this course. IT IS IMPERATIVE THAT YOU WORK ON THE COURSE EACH AND EVERY WEEK. Each week, schedule yourself enough time to complete the lessons and assignments.

Students are often more successive if they ASK QUESTIONS! If you don't understand a term used - ASK! If you are uncertain of steps to take on a project - ASK! If you need extra help - ASK! The teacher is always more than willing to give help, but does not know if you need help unless you ask.

This is a tough course for distance learning, you MUST ask questions when you run into difficulties.

Exams: Exams will be based on class lessons, readings from texts, handouts, and understanding of skills learned in class. The final exam will be comprehensive. The exams are questions and answer and not hands on. Completing all the lessons, exercises, projects will be an immense help to you in completing the exam with a high score.

Assignments: All assignments, lessons, exercises will be posted online. Students are responsible to check the calendar frequently for class changes, information, and assignments. Assignments should be turned in via Laulima. Each student is individually responsible to see that work is completed on time. All work must be student’s own work.

Exercises and exam assignments are normally graded within one week from the due date. Due to the open nature of the project milestone assignments, additional time will be needed for grading. Late assignments will be graded late. If you want quick grading, be on time!

Service-Learning Option: Service-learning combines community service with course learning objectives. Service-learning will allow students to learn about office applications through the performance of volunteer service (minimum 20 hours during the semester) for a not for profit organization. This service learning component may be used as for the website project. The primary product submitted for assessment is production of a minimum 10 page website. Service-learning is done on a volunteer basis; paid positions are not eligible.

If you select this option, Windward CC’s Service-learning Office will assist you in finding a position. Requirements: Submit the S-L Student Site Proposal form, Assumption of Risk, Release, and Waiver form, 1 mid-semester project progress meeting, timesheet (days/times/total hours), Supervisor Evaluation form, and website files that demonstrate the course learning outcomes.

Email: Information regarding the class will be sent to your UH email address, check your email frequently. Email also the preferred method of contacting the teacher. Use only your UH email address to correspond with the instructor.

Individual Responsibility: My philosophy is that students in college are adults and therefore responsible for their own performance in class. Each student must take the responsibility to check the course schedule and be sure that all lessons and assignments are completed. Students who take responsibility for their own actions will be better equipped to deal with later employment. Learn to take control of your own life – take responsibility for completing your work.
Zero Tolerance for Academic Dishonesty: Cheating by file sharing (giving or receiving files between students), more than one student working on the same file, or copying work (in full or in part) from other sources such as the Internet, and any other form of academic dishonesty will not be tolerated. Anyone caught cheating will be assigned MINUS 60 points for that assignment, in addition a report of the incidence will be filed, which may result in the student being expelled from the school.

DO YOUR OWN WORK and everything will be fine.
Please see the college catalog for the school’s policy on academic dishonesty.

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 in this class. Ann Lemke can be reached at 235-7448, lemke@hawaii.edu, or you may stop by Hale ‘Akoakoa 213 for more information.

COURSE SCHEDULE
See course website