ICS107 – Web Site Development
3 Credits
Distance Learning  CRN: 62356

INSTRUCTOR:  Vanessa Cole
OFFICE:  Na‘auao 143
TELEPHONE:  236-9295 (office phone is shared)
EMAIL:  vanessa@hawaii.edu (preferred method of contact)
OFFICE HOURS:  Monday & Wednesday, 11:30 – 12:30
Monday 1:30-2:30
Other times by appointment and via Skype
EFFECTIVE DATE:  Fall 2009

WINDWARD COMMUNITY COLLEGE MISSION STATEMENT
Windward Community College is committed to excellence in the liberal arts and career development; we support and challenge individuals to develop skills, fulfill their potential, enrich their lives, and become contributing, culturally aware members of our community.

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

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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<tbody>
<tr>
<td>Participation</td>
<td>30</td>
<td>5%</td>
</tr>
<tr>
<td>Library Assignment (3)</td>
<td>30</td>
<td>5%</td>
</tr>
<tr>
<td>In class Exercises</td>
<td>120</td>
<td>20%</td>
</tr>
<tr>
<td>Web Site Project</td>
<td>210</td>
<td>35%</td>
</tr>
<tr>
<td>Topic Report</td>
<td>60</td>
<td>10%</td>
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<tr>
<td>Midterm Exam</td>
<td>60</td>
<td>10%</td>
</tr>
<tr>
<td>Final Exam</td>
<td>90</td>
<td>15%</td>
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<tr>
<td>GRAND TOTAL</td>
<td>600</td>
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Exams will be based on class lectures, readings from texts, handouts, and skills learned in class. The final exam will be comprehensive.

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). No assignments will be accepted after the last day of instruction. No incompletes will be given.

### LEARNING RESOURCES

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

**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

**Assignments:** All assignments will be posted online. Students are responsible to check the class web site frequently for class changes, information, and assignments. Assignments should be turned in via Laulima or email as specified in the assignment. Each student is individually responsible to see that work is completed on time. All work must be student’s own work.

**Email:** Information regarding the class may be sent to your UH email address, check your email frequently. Email also the preferred method of contacting the teacher.

**Ask Questions:** Students are often more successive if they ASK QUESTIONS! If you don't understand a term used - ASK! If you are uncertain of your answers on a project - ASK! If you need extra help - ASK! If you are uncomfortable asking questions in public, email your questions. The teacher is always more than willing to give help, but does not know if you need help unless you ask.

### 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: