ICS 207 – Web Applications

Instructor Information

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Office hours: Online

Windward Community College Mission Statement

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

Catalog Description

Web Applications introduces programming for the web Topics include: problem solving; web interactivity for websites; building applications with web authoring languages for markup, styling and scripting; presenting applications for mobile devices.

Class times and location

This is an online class. All lessons and interactions will be through Laulima.

Student Learning Outcomes

The Student Learning Outcomes for this course are:

- Use scripting to build dynamic web applications.
- Use styling and markup languages to create simple user interfaces.
- Use scripting functions to optimize web applications for different devices.
- Design and create a web application using agile development techniques.

Student Learning Outcomes Alignment

Student Learning Outcome	Lessons and Assessments
Use scripting to build dynamic web applications.	Modules 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17 Assignments 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15
Use styling and markup languages to create simple user interfaces.	Modules 3, 4, 8, 10, 12, 13, 14, 15 16, 17 Assignments 2, 3, 6, 8, 9, 10, 13, 14, 15
Use scripting functions to optimize web applications for different devices.	Module 14 Assignment 13
Design and create a web application using agile development techniques.	Modules 2, 8, 9, 10, 12, 13, 14, 15, 16, 17 Assignments 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15

Course Tasks

In this class you must show mastery of each concept through a series of projects. Every assignment is worth 3 points.

To get the full 3 points, your work must not contain any errors. If there are errors, then I will specify what it is and return it to you. You should then correct the assignment and resubmit it. Because one topic builds upon another, it is best to follow the schedule.

The only deadline for all assignments is May 9, 2014. No work will be accepted after that date.

Assignment Tasks and Grading

Your letter grade will be determined by the number of assignments you complete. There are 15 assignments and the final project for a total of 45 points:

- A: 41 - 45 points
- B: 36 - 40 points
- C: 31 - 35 points
- D: 26 - 30 points
- F: 0 - 26 points

Resources

We will use Laulima for submitting and returning assignments. All grades will be posted in Laulima and you will be able to track your progress by utilizing the grade book.   In addition, there will be discussion boards where you may post questions and answers to everyone in the class. Use the private message tool in Laulima to contact the instructor.

The Textbook for this course is "Learn Javascript and Ajax with W3 Schools".

You will have to use a browser that supports HTML5.

The W3C schools web site (http://w3schools.com) contains many tutorials and instructions for HTML, CSS, and JavaScript.

Other Resources

- Tutoring may be available from the TRIO office in Library Learning Commons on the WCC campus.

- The LLC at WCC has computers configured with all of the software needed for this class.

Statements 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 in this class. 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, examinations, 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.