ICS 215 – Introduction to Scripting
Spring 2017, CRN 64378

Instructor Information

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Office hours: Online only

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

Introduction to scripting languages for the integration of applications and systems. Scripting in operating systems, web pages, server-side application integration, regular expressions, event handling, input validation, selection, repetition, and parameter passing for languages such as Perl, JavaScript, PHP, Python, and/or shell scripting.

Student Learning Outcomes

Upon completion of the course, the student will be able to:

- Use regular expressions to solve different problems
- Produce robust client and server side scripts in a variety of scripting languages using software engineering techniques such as review and extensive program testing.
- Handle user and system generated events using various scripting languages.
- Validate user input using various scripting languages for security purposes.

Course Tasks

In this class, you must show mastery of each concept through a series of programming projects. Every assignment is worth 5 points. The only deadline for submission of assignments is May 3, 2017. This is a firm deadline. No work will be accepted after that date.

To get the full 5 points your work must not contain any errors. If there is an error then I will tell you what it is and return the assignment to you. Note that I will not tell you how to correct the error, only what it is. You should then correct the assignment and resubmit it for a higher grade. You will never receive a lower grade from a resubmission, only a higher or the same grade.

Assignment Tasks and Grading

Your letter grade will be determined by the number of assignments you complete. There are 14 assignments for a total of 70 points:

- A: 63 - 70 points
- B: 56 - 62 points
- C: 49 - 55 points
- D: 35 - 48 points
- F: 0 -34 points

Learning Resources

We will use Laulima for submitting and returning all assignments. All grades will be posted in Laulima and you will be able to track your progress by utilizing the grade book. You will be able to post and read questions and comments on the discussion boards. Use the private message tool in Laulima to contact the instructor.

We will be using several different programming languages to develop our programs. You will need access to a computer that has Python and php installed on them.

Other resources

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

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.

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.

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 Laulima and will take appropriate action when necessary