

CSC K153 Course Outline

Fall 2010

Course: CST K153 – Web Development I

Program: Computer Science Technology

Hours: W 6:00 pm–9:30 pm (Room E119)

Instructor: Allan Anderson

Office: Room C106

Office Hours: Monday (1:00 pm - 2:00 pm, 4:00 pm – 5:15 pm

Wednesday (5:15 pm - 6:00 pm)

Messages: Blackboard Vista Mail preferred

Phone: (860) 885-2392 (Voice Mail)

E-mail: aanderson@trcc.commnet.edu

Delivery Format: on-ground with limited online via Blackboard

Dates: Sept. 1 – Dec. 8 with Final exam project due on Dec. 13. No class Nov. 24

Textbook: Patrick Carey, *HTML, XHTML, and XML, Third Edition*, Course Technology Incorporated, 2009, 0-495-80640-4

Course Objectives: The main objective of this course is to teach students the fundamental concepts underlying the current web technologies, specifically HTML, XHTML, and XML. The course will attempt to solidify the concepts by exposing the student to a variety web page design and development exercises.

Software: This course will specifically use the Windows NOTEPAD editor and/or the MAC TEXTEDIT (ignore HTML settings) editor as well as Internet Explorer and Firefox browsers.

Supplies and Materials: Removable media will be required. A USB memory device with a minimum of 64MB is recommended.

Lab Assignments: Weekly assignments from the end of chapter problems or from additional instructor handouts will be given. These assignments will be due at the start of the next class session following the assignment. The hand-in format will be electronic and/or hardcopy as noted. No unexcused late hand-ins. Students are encouraged to interact with the instructor or other students on these assignments but must personally perform the necessary actions to complete the assignments.

Grading and Evaluation Criteria:

35 % of the grade is based on chapter examinations

35 % of the grade is based on a final exam project

30 % of the grade is based on lab assignments

College Withdrawal Policy:

Students may withdraw, through the Registrar's Office, for any reason until Dec. 9. The withdrawal process must be initiated by the student. Failure to do so will result in a semester grade based on the work completed before the student stopped attending the class.

Week	Topics	Assignments
1 9/1	Developing a Web Page	Tutorial 1 Tutorial 1 problems
2 9/8	Developing a Web Site	Tutorial 2 Tutorial 2 problems
3 9/15	Tutorials 1 & 2 Test Working with Cascading Style Sheets	Tutorial 3 Tutorial 3 problems
4 9/22	Creating Special Effects with CSS	Tutorial 4 Tutorial 4 problems
5 9/29	Working with Web Tables	Tutorial 5 Tutorial 5 problems
6 10/6	Tutorials 3, 4, & 5 Test Working with Web Forms	Tutorial 6 Tutorial 6 problems
7 10/13	Designing a Web Site with Frames	Tutorial 8 Tutorial 8 problems
8 10/20	Tutorials 6, & 8 Test Working with XHTML	Tutorial 9 Tutorial 9 problems
9 10/27	Programming with JavaScript	Tutorial 10 Tutorial 10 problems
10 11/3	Tutorials 9 & 10 Test Creating an XML Document	Tutorial 11 Tutorial 11 problems
11 11/10	Working with Namespaces	Tutorial 12 Tutorial 12 problems
12 11/17	Validating Documents with DTDs	Tutorial 13 Tutorial 13 problems
13 12/1	Validating Documents with Schemas	Tutorial 14 Tutorial 14 problems
14 12/8	Validating Documents with Schemas Tutorials 11, 12, 13, & 14 Test	Tutorial 14 Tutorial 14 problems
15 12/13	No class session. This is a Monday!	Final Exam Project Due

Note: The foregoing course outline is subject to change as conditions warrant.