CSC K153 Course Syllabus

Fall 2012

Course: CST K153 – Web Development I

Program: Computer Science Technology

Hours: W 6:00 pm–9:30 pm (Room E119)

Instructor: Allan Anderson
Electronic Mail: Blackboard Learn Messaging (preferred) *or* aanderson@trcc.commnet.edu (emergencies only)
Online Discussions: will be available for all learning modules – this is the primary class communication method outside of the classroom
Campus Office Hours: Monday (4:00 pm - 5:15 pm)
                                     Wednesday (1:00 pm - 2:00 pm, 5:15 pm - 6:00 pm)
Campus Office: Room C/106
Campus Phone: (860) 885-2392 (with voice mail)

Instructor Response Time Objective: Mail messages - 48 hours or less weekdays, 72 hours or less weekends
                                          Discussion posts - 24 hours or less weekdays, 48 hours or less weekends
                                          Assignment grading – 1 week or less from due date (no assignments are
                                          graded before the due date)
                                          Phone messages – 72 hours or less weekdays, 96 hours or less weekends

Delivery Format: on-ground and web-enhanced via Blackboard Learn. Some of the on-ground sessions will be replaced with online only sessions. Please check Blackboard for latest status.

Dates: Aug. 27 – Dec. 12, No class on Nov. 21

Textbook: Patrick Carey, *HTML, CSS, and Dynamic HTML, 5th Edition*, Course Technology Incorporated, 2013, 978-1-111-52643-6

Course Objectives: The main objective of this course is to teach students the fundamental concepts underlying the current web technologies, specifically HTML, CSS, XHTML, and XML. The course will attempt to solidify the concepts by exposing the student to a variety of web page design and development exercises. Specifically at the course completion students will be able to describe, design and use web technology features including but not limited to the following:

• Describe the essential concepts of HTML, CSS, XHTML, and XML	• Work with tables, frames, web page forms, cascading style sheets, JavaScript, and namespaces
• Design/develop a basic web page	• Create and validate XML documents and XML schemas
• Design/develop a basic web site	

Software: This course will specifically use the Windows NOTEPAD editor and/or the MAC TEXTEDIT editor (ignore HTML settings) editor as well as versions of the Internet Explorer and Firefox browsers that support HTML5 and CSS3. It is critical that no additional formatting or file modification be performed by the text editor used by a student as NOTEPAD in addition to the browsers listed will be used by the instructor for grading purposes.

Supplies and Materials: If campus computers are used, 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. The hand-in format will be via Blackboard Learn assignment submission. Class assignments should be submitted on or before the due date and time. A late assignment will lose 10% of the points for that assignment if submitted late. No assignments will be accepted after the cutoff date. Assignments will be graded on professionalism, accuracy, style and completeness. The details for each assignment, including work to be done and the due date and cutoff date, will be posted in Blackboard. Students are encouraged to interact with other students and the instructor on these assignments via Blackboard Learn discussion boards but must personally perform the necessary actions to complete the assignments.

Grading and Evaluation Criteria:
35 % of the grade is based on chapter examinations
30 % of the grade is based on a final exam project
35 % of the grade is based on lab assignments

Final course grades will be assigned as objectively as possible, according to the following scale (a class curve may be used at the discretion of the instructor):

90 - 100%	A- to A
80 - 89%	B- to B+
70 - 79%	C- to C+
60 - 69%	D- to D+
59% and Below	F

College Withdrawal Policy: Students may withdraw, through the Registrar's Office, for any reason. For the Fall 2012 semester, the last date to do this is Dec. 10th. 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.

Academic Integrity: Students are expected to do their own work in this class. Working together to better understand the material is acceptable. Submitting duplicate work is not and will adversely affect the assignment grade. Actively participating in the discussion boards both to ask and to answer questions is expected of all students. Posting of detailed instructions for "how to" responses to questions is encouraged but posting of a complete solution is not. Example violations include but are not limited to:
o Copying or sharing a file or any portion of a file from another student.
o Sharing or allowing another student to copy your files or any portion of a file.
o Duplicating or distributing copies licenses for software programs and/or services.
o Unauthorized access or use of university computers, computer systems or computer network.

Students with Disabilities: If you are a student with a disability and believe you will need support services and/or accommodations for this class, please contact the Disabilities Support Services at TRCC. Please note that the instructor cannot provide accommodations based upon disability until the instructor has received an accommodation letter from the Disabilities Counselor.

Week	Topics	Assignments
1 8/29	Getting Started with HTML5	Tutorial 1 Tutorial 1 problems
2 9/5	Developing a Web Site	Tutorial 2 Tutorial 2 problems
3 9/12	Tutorials 1 & 2 Test Designing a Web Page with CSS	Tutorial 3 Tutorial 3 problems
4 9/19	Creating Page Layouts with CSS	Tutorial 4 Tutorial 4 problems
5 9/26	Working with Tables and Columns	Tutorial 5 Tutorial 5 problems
6 10/3	Tutorials 3, 4, & 5 Test Creating a Web Form	Tutorial 6 Tutorial 6 problems
7 10/10	Enhancing a Web Site with Advanced CSS	Tutorial 8 Tutorial 8 problems
8 10/17	Tutorials 6, & 8 Test Working with XHTML	Tutorial 9 Tutorial 9 problems
9 10/24	Programming with JavaScript	Tutorial 10 Tutorial 10 problems
10 10/31	Tutorials 9 & 10 Test Creating an XML Document	To be determined
11 11/7	Working with Namespaces	To be determined
12 11/14	Validating Documents with DTDs	To be determined
13 11/28	Validating Documents with Schemas	To be determined
14 12/5	Validating Documents with Schemas Week 11-14 Test	To be determined
15 12/12	Final Project.	To be determined

Note: The foregoing course outline will change due to the new edition of the textbook and as conditions warrant.