CST K153 Course Syllabus

Spring 2013

Course: CST K153 – Web Design & Development I

Program: Computer Science Technology

Instructor: Allan Anderson
Contact methods: Blackboard Learn Messaging (preferred) *or* aanderson@trcc.commnet.edu (emergencies only) for private (one-to-one) communications
Online Discussions: will be available for all learning modules – this is the primary class communication method
Campus Office Hours: Tuesday (1:30 pm - 2:30 pm, 4:30 pm – 5:30 pm)
Thursday (1:30 pm - 2:30 pm)
Campus Office: Room C/106
Campus Phone: (860) 885-2392 (with voice mail)
Instructor Response Time Objectives: 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: online via Blackboard Learn.

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

Course Objectives:

- To provide the student with guidelines for appropriate electronic communication techniques in a business/academic environment and the opportunity to use these techniques for class activities throughout the semester.
- To provide the student with basic knowledge of and ability to use the fundamental 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 • Design/develop a basic web page • Design/develop a basic web site	• Work with tables, frames, web page forms, cascading style sheets, JavaScript, and namespaces • Create and validate XML documents and XML schemas

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, Chrome, 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. We will NOT use high-level web design/development tools like Dreamweaver.

Supplies and Materials: Removable storage device (memory stick, travel drive, USB drive, etc.) for students requiring use of on-campus computer labs for course completion.

Course Pace: Although there is flexibility in when the student works on this course, it is not self-paced. Assignments, with due dates, will be released throughout this fall session. Quizzes/tests will be available immediately after assignments are due and are available for a limited time only.

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:
30 % of the grade is based on chapter examinations
30 % of the grade is based on a final exam project
30 % of the grade is based on lab assignments
10% of the grade is based on discussion board participation

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

Withdrawing from the course: A student who simply stops submitting work will receive the grade earned on that work, usually a failing grade. To receive a "W" grade instead, apply for a withdrawal through the registrar's office by May 13th. A "W" will be entered on the student transcript. An “N” (implicit withdrawal) may be entered for a student that stops submitting work before 60% of the class is completed.

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:

- Copying or sharing a file or any portion of a file from another student.
- Sharing or allowing another student to copy your files or any portion of a file.
- Duplicating or distributing copies licenses for software programs and/or services.

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	Approximate Assignment Due Dates (check online for actual)	Assignments
1	Getting Started with HTML5	2/1	Tutorial 1 Tutorial 1 problems
2	Developing a Web Site	2/8	Tutorial 2 Tutorial 2 problems
3	Tutorials 1 & 2 Test Designing a Web Page with CSS	2/15	Tutorial 3 Tutorial 3 problems
4	Creating Page Layouts with CSS	2/22	Tutorial 4 Tutorial 4 problems
5	Working with Tables and Columns	3/1	Tutorial 5 Tutorial 5 problems
6	Tutorials 3, 4, & 5 Test Creating a Web Form	3/8	Tutorial 6 Tutorial 6 problems
7	Enhancing a Web Site with Advanced CSS	3/15	Tutorial 8 Tutorial 8 problems
8	Tutorials 6, & 8 Test Working with XHTML	3/28	Tutorial 9 Tutorial 9 problems
9	Programming with JavaScript	4/5	Tutorial 10 Tutorial 10 problems
10	Tutorials 9 & 10 Test Creating an XML Document	4/12	Electronic file will be provided Problems/Starter Files will be provided
11	Working with Namespaces	4/19	Electronic file will be provided Problems/Starter Files will be provided
12	Validating Documents with DTDs	4/26	Electronic file will be provided Problems/Starter Files will be provided
13-14	Week 10-14 Test Validating Documents with Schemas	5/10	Electronic file will be provided Problems/Starter Files will be provided
15	Final Project.	5/17	To be determined

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