CST K153 Course Syllabus

Fall 2017

Course: CST K153 – Web Design & Development I

Program: Computer Science Technology

Instructor: Allan Anderson
Private Contact Methods: Blackboard Messages (preferred) *or* Email aanderson@trcc.commnet.edu
(emergency only) for private (one-to-one) communications
Public Blackboard Discussions: all students and instructor communications on class topics - this is the
primary class communication method
Campus Office Hours: none
Campus Office: none
Campus Phone: none
Instructor Response Time Objectives: Electronic Messages - 48 hours (weekdays), 72 hours (weekends)
           Discussion posts - 24 hours (weekdays), 48 hours (weekends)
           Assignment grading – 1 week or less from due date (no assignments are
           graded before the due date)
Delivery Format: online via Blackboard Learn.

Textbook: Patrick Carey, *HTML, CSS, and XML, 4th Edition*, Course Technology Incorporated, 2014, 978-1-285-05909-9

Course Objectives:
- To provide the student with guidelines for electronic communication techniques in a business/academic environment and the opportunity to use these techniques for class activities throughout the semester. Specifically this will include Blackboard class announcements, discussions, messages, assignment submissions, and other techniques as appropriate. In addition, this will include the opportunity to use your TRCC online learning portfolio in Digication for certain class activities. Using appropriate sources and formulating effective writing strategies will be embedded in all writing activities
- 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 or NOTEPAD++ editor and/or the MAC TEXTEDIT editor (ignore HTML settings) editor as well as versions of the Internet Explorer, Chrome, Safari, 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. You may use an editor with HTML support like Notepad++ that does not do additional formatting and file modification. The Microsoft Edge browser may be used in this class but a second browser like Firefox, Chrome, or Safari should also be used..

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 the semester. Quizzes/tests will be available immediately after assignments are due and are available for a limited time only.

Lab Assignments: assignments from textbook 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
20 % of the grade is based on a final exam project
40 % of the grade is based on lab assignments
10% of the grade is based on discussion (online) participation and an instructor designated assignment for submission as a General Education artifact using Digication

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 submitted work, usually an Unearned Failure ("UF"). To receive a "W" grade instead, apply for a withdrawal through the registrar's office by December 11th. A "W" will be entered on the student transcript.

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 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.

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.

Class cancellations: as a fully online class with no meetings on campus, any college delay or closing due to weather or other circumstances will have little to no impact on scheduled activities for this class. However, if there is an impact (such as a widespread power outage might cause), then your instructor will inform you of any changes to existing dates.

Week	Topics	Approximate Assignment Due Dates (check online for actual)	Assignments
1	Getting Started with HTML5	9/1	Tutorial 1 Tutorial 1 problems
2	Developing a Web Site	9/8	Tutorial 2 Tutorial 2 problems
3	Tutorials 1 & 2 Test Designing a Web Page with CSS	9/15	Tutorial 3 Tutorial 3 problems
4	Creating Page Layouts with CSS	9/22	Tutorial 4 Tutorial 4 problems
5	Working with Tables and Columns	9/29	Tutorial 5 Tutorial 5 problems
6	Tutorials 3, 4, & 5 Test Creating a Web Form	10/6	Tutorial 6 Tutorial 6 problems
7	Enhancing a Web Site with Advanced CSS	10/13	Tutorial 8 Tutorial 8 problems
8	Tutorials 6, & 8 Test Working with XHTML	10/20	Tutorial 9 Tutorial 9 problems
9	Programming with JavaScript	10/27	Tutorial 10 Tutorial 10 problems
10	Tutorials 9 & 10 Test Creating an XML Document	11/3	Tutorial 11 Tutorial 11 problems
11	Validating Documents with DTDs	11/10	Tutorial 12 Tutorial 12 problems
12	Validating Documents with Schemas	11/22	Tutorial 13 Tutorial 13 problems
13-14	Working with Advanced Schemas Tutorials 10-14 Test	12/8	Tutorial 14 Tutorial 14 problems
15	Final Project.	12/14	To be determined

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

Title IX Statement:

BOARD OF REGENTS FOR HIGHTER EDUCATION AND CONNECTICUT STATE COLLEGES AND UNIVERSITIES POLICY REGARDING SEXUAL MISCONDUCT REPORTING, SUPPORT SERVICES AND PROCESSES POLICY

Statement of Policy for Public Act No. 14-11: An Act Concerning Sexual Assault, Stalking and Intimate Partner Violence on Campus:
"The Board of Regents for Higher Education (BOR) in conjunction with the Connecticut State Colleges and Universities (CSCU) is committed to insuring that each member of every BOR governed college and university community has the opportunity to participate fully in the process of education free from acts of sexual misconduct, intimate partner violence and stalking. It is the intent of the BOR and each of its colleges or universities to provide safety, privacy and support to victims of sexual misconduct and intimate partner violence."

UNITED STATES DEPARTMENT OF EDUCATION AND OFFICE OF CIVIL RIGHTS TITLE IX STATEMENT OF POLICY:

"Title IX of the Education Amendments of 1972 (Title IX) prohibits discrimination based on sex in education programs and activities in federally funded schools at all levels. If any part of a school district or college receives any Federal funds for any purpose, all of the operations of the district or college are covered by Title IX.

Title IX protects students, employees, applicants for admission and employment, and other persons from all forms of sex discrimination, including discrimination based on gender identity or failure to conform to stereotypical notions of masculinity or femininity. All students (as well as other persons) at recipient institutions are protected by Title IX – regardless of their sex, sexual orientation, gender identity, part-or full-time status, disability, race, or national origin-in all aspects of a recipient's educational programs and activities."

If any student experiences sexual misconduct or harassment, and/or racial or ethnic discrimination on Three Rivers Community College Campus, or fears for their safety from a threat while on campus, please contact Edward A. Derr, the Diversity Officer and Title IX Coordinator:

Edward A. Derr
Title IX Coordinator and Diversity Officer
Admissions Welcome Center * Office A116
574 New London Turnpike, Norwich CT 06360
860.215.9255 * EDerr@trcc.commnet.edu