Syllabus

CSC 525 - HTML/CSS Programming - Regular

Credit Units 3

Course Description

Previously SEN 910. This course will examine how to create web pages using HTML code. The use of Cascading Style Sheets (CSS) will also be covered. Basic website development tools and website design will be studied though the creation of several HTML/CSS web site projects.

Faculty Availability

Not Available

Course Learning Outcomes

1. Present information on a Webpage
   a. **INITIAL** Able to create a basic page
   b. **EMERGING** Able to add content
   c. **DEVELOPED** Able to format the presentation
   d. **HIGHLY DEVELOPED** Able to format the text
2. Understand HTML Elements
   a. **INITIAL** Understand the basic tags
   b. **EMERGING** Able to use the basic tags
   c. **DEVELOPED** Understand the HTML5 elements
   d. **HIGHLY DEVELOPED** Able to use the HTML5 elements
3. Understand Cascading StyleSheet
   a. **INITIAL** Understand CSS properties
   b. **EMERGING** Able to create a style sheet
   c. **DEVELOPED** Understand CSS3 properties
   d. **HIGHLY DEVELOPED** Able to create CSS3 style sheet
4. Create a basic Webpage with links
   a. **INITIAL** Understand the hyperlink tag
   b. **EMERGING** Able to create hyperlinks
   c. **DEVELOPED** Able to access anywhere in a page and target the link
   d. **HIGHLY DEVELOPED** Able to use pseudoclasses and print links
5. Design a Web page with color, images, list and tables.
   a. **INITIAL** Able to design a page with text and background color
   b. **EMERGING** Able to create a page with images and background images
   c. **DEVELOPED** Able to create a page with unordered, ordered and description lists
   d. **HIGHLY DEVELOPED** Able to create a page with tables
6. Design a Webpage with HTML5 and CSS3
   a. **INITIAL** Understand HTML5 visual and structural elements
   b. **EMERGING** Able to create a Web page with visual and structural elements
   c. **DEVELOPED** Understand CSS3 style sheet
   d. **HIGHLY DEVELOPED** Able to create a Web page with HTML5 and CSS3
7. Add multimedia,transition,transform and animation

a. **INITIAL** Able to add audio and video to a Web page
b. **EMERGING** Able to embed HTML5 Audio and Video Elements in a Web page
c. **DEVELOPED** Able to add transition and transform to a Web page
d. **HIGHLY DEVELOPED** Able to create animation for a Web page

8. Create forms
   a. **INITIAL** Understand the form elements
   b. **EMERGING** Able to identify and use the form elements and attributes
   c. **DEVELOPED** Able to use HTML5 form controls
   d. **HIGHLY DEVELOPED** Able to create forms

9. Create responsive Websites
   a. **INITIAL** Understand the Box Models
   b. **EMERGING** Able to create a Flexible Box Model
   c. **DEVELOPED** Understand the media queries
   d. **HIGHLY DEVELOPED** Able to create responsive Web sites

Coursework Timeline

Type	Coursework	Starts	Due	Points
Week 2 (Sat Sep 16 2017 11:59 PM)				
Assignment	Setting up development lab and configuration	Tue Sep 5 2017 12:00 AM	Sat Sep 16 2017 11:59 PM	20
Lesson	Lecture 1: Class Introduction - Where do we fit in	Tue Sep 5 2017 12:00 AM	Sat Sep 16 2017 11:59 PM	
Lesson	Lecture 2: HTML Getting Started	Tue Sep 5 2017 12:00 AM	Sat Sep 16 2017 11:59 PM	

Additional Learning Outcomes

None

Academic Policies

Grading policy

Grades will be administered according to the following scale of percentage ranges and corresponding letter grades:

Grade scale

A+	A	A-	B+	B	B-	C+	C	C-	D+	D	D-	F
≥ 97	≥ 93	≥ 90	≥ 87	≥ 83	≥ 80	≥ 77	≥ 73	≥ 70	≥ 67	≥ 63	≥ 60	≥ 0

Attendance

Attendance is mandatory and will be checked for each class session. Please sign in with your student ID card every time the class meets. Attendance is critical and in many cases it gives credit for the course; any enrolled student who does not attend class will automatically receive an F grade. Students wishing to appeal such an automatic grade assignment must discuss their issues with the Registrar's Office, not the instructor.

Late policy

You must submit your work before the published due dates in order to receive credit for your work. Instructors have the right to not accept or deduct points for any late assignments. Technological issues may be considered valid grounds for late assignment submission only if verifiable. In the event of an ITU server outage, students should contact the Student Technical Support services. Unless an Incomplete grade has been granted, assignments submitted after the last day of class will not be accepted.

Academic dishonesty

Academic misconduct or cheating will not be tolerated. Academic misconduct is defined as receipt or transmission of unauthorized aid on assignments or examinations, plagiarism, unauthorized use of examination materials, or other forms of dishonesty in academic matters. Academic misconduct is a major offense at ITU because it diminishes the quality of scholarship in our academic community and cheats those who may eventually depend upon our knowledge and integrity. It is critical that you list references when you borrow any concept from any source. For every plagiarized assignment, the student will lose all points for the assignment and also be subjected to ITU's Academic misconduct policies.

Instructors Policies

None

Books and Materials

None

Instructors

Mar Castro — mcastro@itu.edu

Mar has been working as a multi-tier programmer since 2000. He received his BS Criminal Justice and BS Computer Science at Cal State East Bay. He also received his MS Database and Admin at Golden Gate University and MS in Software Engineering at Cal State Fullerton. Currently, he has a multi-role position working for Department of Defense with different projects ranging from development, system administration, and database administration.