

Web Development with HTML I&C SCI X471.03 Fall 2010

Class Meeting Information

This course meets online from September 13, 2010 to November 7, 2010.

Instructor Information

Name: Kevin Hanegan
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Kevin Hanegan is the author of 4 programming books: *Building State-of-the-Art Web Pages*, *Custom CGI Scripting with Perl*, *Practical Guide to Curl*, and *Building Solutions with the DecisionSite Analytics Platform*. He has worked for a variety of software companies, universities, and corporate training centers as a course developer, trainer and consultant. He currently is the Director of Education for TIBCO Software.

Prerequisites

Excellent analytical skills; must enjoy using computers and have a knack for figuring things out on the computer. See enrollment confirmation for login information.

Students may enroll concurrently with I&C SCI X471.04 JavaScript Programming.

Course Description

Hypertext Markup Language (HTML) is used to render all web applications from the simplest to the most complex. Web development tools such as Dreamweaver and FrontPage allow users to design a web page visually and then convert the design into HTML statements. While an entire web page can be designed this way, situations that require customization or special functionality usually require the developer to work directly with individual HTML statements. So, it is important to know how HTML works. This course introduces HTML "building blocks" and allows participants to build a website step-by-step.

Course Objectives

After completing this course, the student will be able to build solid foundation in the workings of HTML, and will be able to build complete web pages from scratch.

Course Text or Online Resources

HTML, XHTML, and CSS (Visual Quickstart Guide)
Author: Elizabeth Castro
Publisher: Peachpit Press
ISBN-10: 0321430840
ISBN-13: 978-0321430847

The study material will be provided online. There is no specific textbook assigned to this course.

Course Outline

Session 1	
Topics	<ul style="list-style-type: none"> ➤ Introduction to HTML ➤ Web Development Tools ➤ Getting Started ➤ Your First Web Page
Session 2	
Topics	<ul style="list-style-type: none"> ➤ META TAGS ➤ Text Formatting ➤ Page Formatting
Webinar	09/20/10 7:00 – 8:00 PM PST
Session 3	
Topics	<ul style="list-style-type: none"> ➤ Images ➤ Lists ➤ Links ➤ Tables
Session 4	
Topics	➤ Introduction to Cascading Style Sheets (CSS)
Session 5	
Topics	➤ Creating a Template, CSS Layout
Webinar	10/11/10 7:00 – 8:00 PM PST
Session 6	
Topics	➤ Creating HTML Forms
Session 7	
Topics	<ul style="list-style-type: none"> ➤ Embedding Objects ➤ Understanding xHTML
Session 8	
Topics	<ul style="list-style-type: none"> ➤ Working with Web Page Creation Programs ➤ HTML Validation ➤ Limitations of HTML
Webinar	11/01/10 7:00 – 8:00 PM PST

Evaluation and Grading

In this course, you will be evaluated in the following way:

Individual Assignments	52%
Participation in class discussions	8%
Final Project	40%
Total	100%

There are assignments each week, as well as a language forum, for a total of 180 points by the end of the course. The Final Project will be the beginnings of a web page; it has a maximum of 120 points, 40% of the grade.

Unexcused late assignments are penalized 50% off. Assignments are spaced one week apart and are due on Sunday midnight PST.

Grading Scale

- A = 90% – 100%
- B = 80% – 89%
- C = 70% – 79%
- D = 60% – 69%

Types of Communication

In an online course, the majority of our communication takes place in the course forums. We also have 3 1.5 hour webinars scheduled where we can communicate synchronously. In addition, when we have a need for communication that is private, whether personal, interpersonal, or professional, we will use individual email.

Code of Conduct

All participants in the course are bound by the University of California Code of Conduct, found at <http://www.ucop.edu/ucophome/coordrev/ucpolicies/aos/uc100.html>.

Netiquette

In an online classroom, our primary means of communication is written. The written language has many advantages: more opportunity for reasoned thought, more ability to go in-depth, and more time to think through an issue before posting a comment. However, written communication also has certain disadvantages, such a lack of the face-to-face signaling that occurs through body language, intonation, pausing, facial expressions, and gestures. As a result, please be aware of the possibility of miscommunication and compose your comments in a positive, supportive, and constructive manner.

Course Policies

Expectations of students

I expect you to

- Participate actively, constructively, and politely in the course forum
- Submit all assignments by the time and date indicated
- Notify me as soon as possible if you have an emergency or need more time for an assignment (Late assignments will be granted within a time frame of up to one week / 7 days from receipt of notification.)

Expectations of the instructor

You can expect me to

- Review all the course content, materials, assignments, and forum prompts prior to the start of the class
- Post my syllabus to the class prior to start
- Post my welcome message prior to start
- Be online every day during the course
- Respond to individual email within 24 hours
- Give you individual feedback on your posted assignments within 48 hours of the due date
- Enjoy the experience!