

SYLLABUS

TransPacific Hawaii College: Winter 2008

COMPUTER 157 – WEBPAGE DEVELOPMENT

Credits: 3 semester units

Course Summary:

Introduction to website development. Hands-on activities will teach the student how to connect to a webserver and transfer files. Students will gain experience with a variety of technologies used to author web content to create informative, easy-to-use, well organized websites. Students prepare an individual e-portfolio.

Course Objectives:

By the end of this course, students should be able to:

- a. Explain the social impact, describe current problems and assess the future potential of the Internet
- b. Explain how the Internet works
- c. Define Internet terminology
- d. Identify software used in webpage development
- e. Use principles of design to plan attractive, user friendly webpages
- f. Establish a connection to a web server and upload and download files
- g. Script webpages
- h. Modify webpage content
- i. Create an e-Portfolio

Class meeting times: Monday and Thursday 3:50-6:00pm

Class room: Computer Lab B

Instructor: Caitlin Nelson

Instructor office location and hours: Drop in at the Library (Monday or Thursday) & by appointment.

Email: caitlinnelson@transpacific.edu

Textbook: Head First HTML (with CSS and XHTML) by Elizabeth Freeman and Eric Freeman, O'Reilly Media, Inc. ©2006 (ISBN: 0-596-10197-X)

Grades:

- A+ = 97% and over
- A = 93% to 96%
- A- = 90% to 92%
- B+ = 87% to 89%
- B = 83% to 86%
- B- = 80% to 82%
- C+ = 77% to 79%
- C = 73% to 76%
- C- = 70% to 72%
- D+ = 67% to 69%
- D = 63% to 66%
- D- = 60% to 62%
- F = below 60%

Absences: Each hour of class missed will result in a ten-point deduction from your overall grade. No late assignments will be accepted nor make up quizzes given for unexcused absences.

Cheating and Plagiarism: Any attempt at cheating including plagiarism will result in disciplinary action that may include failing the class or expulsion from school.

English Policy: In meeting the college goal of preparing for transfer to American universities, communications in this class are to be in English. Please be especially thoughtful of students whose native language is not that spoken by the majority of the class so that those students feel included at all times.

Assignments:

Each day in class we will cover one topic and have a hands-on activity which will give students practice in that skill. There will also be homework assignments which will build on these activities and which may include coding, writing or reading. There will be one final project: the ePortfolio. This will be a website of your own showcasing several kinds of webpage aspects including use of color, pictures, music, documents, a resume, and more. More specific instructions for this project will be given later in the semester.

The grading for the course will be as follows:

- Daily classroom activities: 40%
- Daily homework assignments: 40%
- Final Project: 20%

There may be opportunities for extra credit during the semester – the professor will announce these when available.

Course Schedule:

CLASS ONE		Thursday, January 10, 2008
Topic:	Introduction to Web Development	
Activity:	Create a page with your picture on it!	
CLASS TWO		Monday, January 14, 2008
Topic:	Introduction to HTML and computer languages	
Activity:	HTML worksheet (paragraphs, links, HTML format)	
CLASS THREE		Thursday, January 17, 2008
Topic:	Continuing HTML	
Activity:	HTML worksheet (images, tables, lists)	
CLASS FOUR		Monday, January 21, 2008
Topic:	Introduction to CSS	
Activity:	CSS worksheet (font, color)	
CLASS FIVE		Thursday, January 24, 2008
Topic:	Continuing CSS	
Activity:	CSS worksheet (margins, spacing)	
CLASS SIX		Monday, January 28, 2008
Topic:	Advanced CSS: Positioning	
Activity:	CSS worksheet (box model)	

CLASS SEVEN		Thursday, January 31, 2008
Topic:	Advanced CSS: Positioning continued	
Activity:	CSS worksheet (layout of a webpage)	
CLASS EIGHT		Monday, February 4, 2008
Topic:	Making an Online Resume	
Activity:	Resume worksheet	
CLASS NINE		Thursday, February 7, 2008
Topic:	Creating a Listing of Coursework	
Activity:	Coursework worksheet	
CLASS TEN		Monday, February 11, 2008
Topic:	Music on the Web	
Activity:	Adding music to your webpage	
CLASS ELEVEN		Thursday, February 14, 2008
Topic:	Photos on the Web	
Activity:	Adding photos to your webpage	
		Monday, February 18, 2008
		NO CLASS: HOLIDAY PRESIDENTS DAY
CLASS TWELVE		Thursday, February 21, 2008
Topic:	Videos on the Web	
Activity:	Making a Video	
CLASS THIRTEEN		Monday, February 25, 2008
Topic:	Videos on the Web continued	
Activity:	Embedding a video into your webpage	
CLASS FOURTEEN		Thursday, February 28, 2008
Topic:	Online Tutorials	
Activity:	Creating an online tutorial with CamStudio	
CLASS FIFTEEN		Monday, March 3, 2008
Topic:	Blogging	
Activity:	Setting up a Blog	
CLASS SIXTEEN		Thursday, March 6, 2008
Topic:	Wikis	
Activity:	Creating / Adding to a Wiki	
CLASS SEVENTEEN		Monday, March 10, 2008
Topic:	Calendars on the Web	
Activity:	Adding a calendar to your webpage	

CLASS EIGHTEEN	Thursday, March 13, 2008
Topic:	Other Applications: LibraryThing
Activity:	Creating a LibraryThing account and adding it to your webpage
CLASS NINETEEN	Monday, March 17, 2008
Topic:	ePortfolio Checkup: Required Features
Activity:	Required features worksheet
CLASS TWENTY	Thursday, March 20, 2008
Topic:	ePortfolio Checkup: Optional Features
Activity:	Optional features worksheet
CLASS TWENTY-ONE	Monday, March 24, 2008
Presentation:	ePortfolio Presentations
FINAL EXAM	Thursday, March 27, 2008
DUE 4pm:	ePortfolio Final Project