

# Community College of Philadelphia

## CIS 130 Web Page Design - (3 credits)

**Donald J. Friel** (215) 751-8936  
**E-mail address** [dfriel@ccp.edu](mailto:dfriel@ccp.edu)  
**Office Hours:** This is an online course; I can provide support via email through WebStudy

### **Textbooks and Supplies:**

[Build your Own Web Site The Right Way using HTML & CSS](#) 3<sup>rd</sup> Edition by Ian Lloyd  
ISBN 978-0-9870908-5-0  
Site Point 2011

I ordered the hardcover only version which is fine for our purposes. You do not have to order the additional PDF version.

We will also be using the online HTML reference material by the same author.

<http://reference.sitepoint.com/html>

### **Grading**

15% Exam 1  
35% Mid-term  
15% Exam 2  
35% Final Project which includes all assignments for the course.

### **Forum**

The forum will ask you to input various ideas. Some forums may ask you to upload markup. Some forums may ask you to correct markup. Some may ask everyone to search a particular topic and give your ideas. The forum should be a fun learning place.

**Web Site Final Project:** Every student will create a web site (multiple pages). These pages will be created throughout the course and will include many of your assignments for the course. Your final pages will look a lot like the pages from the course text.

**Exams:** The midterm exam will be in the 7th week of the course. The final exam will include posting your final project page to your web site and making sure it is complete. There will be two additional tests throughout the semester. Tests in the beginning will not be on your websites. By the end of the course, some of your exams may be required to be on your web site.

**Attendance:** There will be assignments due each week. I expect that all assignments will be on time. This is how I judge you are still in the class. If your work is done each week, that will indicate you attendance for the week. No work, No Attendance.

### **College Policies and Procedures:**

[http://www.ccp.edu/site/academic/catalog/college\\_policies.php](http://www.ccp.edu/site/academic/catalog/college_policies.php)

The previous College webpage contains various links to explain College policies in reference to behavior. All students are expected to adhere to these policies.

**Cheating / Plagiarism Policy:** Academic honesty is an important part of any course. It has special meaning when dealing with electronic media. We will spend a portion of this course explaining the legal and moral implications of academic honesty as it pertains to the World Wide Web. Academic dishonesty is always unacceptable.

**Need for Assistance:**

If you have any condition, such as a physical or learning disability, which will make it difficult for you to carry out the work as I have outlined it, or which will require academic accommodations, please notify me as soon as possible or contact the [Center on Disability](#).

This is the syllabus for the course. We will probably make changes to this plan as we move through the course.

**“The critical indicator of students’ understanding of a concept, a principle, or a procedure is that they are able to apply it in circumstances that are different from those under which it was taught” Thorndike**

Week #	Learning Objectives	Required Work	Measurement of Objectives
1	<ul style="list-style-type: none"> <li>-- Using online demonstration, the students will post their first item to the Forums.</li> <li>-- Students will be able to Describe various web browsers and there differences if any.</li> <li>-- Using readings online, students will perform Searching Techniques on the web.</li> <li>-- Using readings posted in the course and on the web, students will understand the three layers of the web.               <ol style="list-style-type: none"> <li>1. Content. HTML or XHTML</li> <li>2. Presentation. CSS</li> <li>3. Behavior. JavaScript.</li> </ol> </li> <li>-- Read more at <a href="http://www.sitepoint.com/article/simply-javascript">http://www.sitepoint.com/article/simply-javascript</a></li> <li>-- You should start chapter 1 of your text.</li> </ul>	<ul style="list-style-type: none"> <li>-- Multiple readings as posted on MyCCP</li> <li>-- Be aware of expectations of each chapter before you start.</li> <li>-- Obtain needed materials.</li> <li>-- You will search the web for a number of items. We will use the text for the beginning of the course but we will have you using the internet later in the course for materials.</li> <li>-- Investigate different search engine techniques.. <a href="http://www.lib.berkeley.edu/TeachingLib/Guides/Internet/SearchEngines.html">http://www.lib.berkeley.edu/TeachingLib/Guides/Internet/SearchEngines.html</a></li> <li>This is a site that shows how long the web has been active. <a href="http://www.netvalley.com/intval/07262/main.htm?sdf=1">http://www.netvalley.com/intval/07262/main.htm?sdf=1</a></li> </ul>	<ul style="list-style-type: none"> <li>-- Much of the work throughout the course requires you to use the techniques described in the readings.</li> </ul>
2	<ul style="list-style-type: none"> <li>-- Start Chapter 2 of your text. This week’s work will be mostly just a short</li> </ul>	<ul style="list-style-type: none"> <li>-- Multiple readings</li> <li>-- Start readings from your Textbook.</li> <li>-- Make your first webpage.</li> </ul>	<ul style="list-style-type: none"> <li>-- I will review the web</li> </ul>

	<p>page for me and using FTP so you should get a good start on Chapter 2.</p> <ul style="list-style-type: none"> <li>-- Using the three layers of the web, students will start writing their pages using this technique.</li> <li>-- Using readings from the website and your book, students will be given a basic description of HTML and XHTML coding and will write their first basic page.</li> <li>-- Using posted readings, we will add CSS to your basic page using one of the ways to do CSS as described in your book. This is a little ahead of the book but it will give you an idea where we are heading.</li> <li>-- Students have web space on the college server.</li> <li>-- Using FTP software, students will copy the page made in this section to their web space. Directions are on the course site</li> </ul>	<ul style="list-style-type: none"> <li>-- Add CSS to your first page.</li> <li>-- Email your pages to me.</li> <li>-- Go to the web and bookmark a number of CSS sites.</li> <li>-- You will copy your first webpage to your web space using FTP software.</li> <li>-- Start Chapter One and Two of your text as soon as you receive it.</li> <li>-- We will add a picture file to our page this week as well.</li> </ul>	<p>pages that will be sent as a result of this weeks work</p> <ul style="list-style-type: none"> <li>-- I should know how well you can attach files to email and follow directions.</li> <li>-- Your web site will show me your work.</li> </ul>
3	<ul style="list-style-type: none"> <li>-- <a href="#">Understand the Rules of net etiquette</a></li> <li>-- The second chapter of your book will show you how to write many basic XHTML documents.</li> <li>-- You will Learn the three ways to add the DOCTYPE to your web pages. This is covered in your book but I will also cover it separately. It is very important.</li> <li>-- You will learn to create links to other documents. How to insert picture files. Other basic coding practices are also covered.</li> <li>-- Your text is showing</li> </ul>	<ul style="list-style-type: none"> <li>-- Read the Five Step Search Strategy From Berkeley. <a href="http://www.lib.berkeley.edu/TeachingLib/Guides/Internet/Strategies.html">http://www.lib.berkeley.edu/TeachingLib/Guides/Internet/Strategies.html</a></li> <li>-- This is another searching guide useful with your web searching. <a href="http://www.monash.com/spidap.html">http://www.monash.com/spidap.html</a></li> <li>-- You will use web space created on the College server.</li> <li>-- You will FTP files to your web space, as directed in the text. When the text tells you to save your files, you will also upload them to your web space.</li> <li>-- By the end of this week, you will have three pages up on your web site. Although they are pretty boring at this point, they will improve next week.</li> </ul>	<p>There is a lot to be accomplished this week.</p> <ul style="list-style-type: none"> <li>-- You will answer questions about searching techniques.</li> <li>-- You will Transfer more</li> </ul>

	<p>you the correct way to do web pages.</p> <ul style="list-style-type: none"> <li>-- Most web sites do not follow the current standards.</li> <li>-- You will only use correct markup in this course.</li> <li>-- You will finish Chapter 2 of your text. You will have 3 basic web pages to work with</li> </ul>		<p>files up to your website.</p> <ul style="list-style-type: none"> <li>-- You will now have a URL which we set up last week. You will send your address to me.</li> <li>-- I will be able to view your web site.</li> <li>-- This is where you will put most of your work throughout the course.</li> <li>-- I will check here to see your weekly assignments. Except for the midterm which you will email to me. Most of your work will be on your web site.</li> </ul>
4	<ul style="list-style-type: none"> <li>-- Using your Text book, start chapter 3 and 4. These chapters show the</li> </ul>	<ul style="list-style-type: none"> <li>-- You will have created three web pages including your index page.</li> <li>-- You will update your website to add the new</li> </ul>	<ul style="list-style-type: none"> <li>-- I will be able to view</li> </ul>

	<p>importance of CSS markup</p> <p>-- You will continue learning how to add a list to your web pages. You will become familiar with various types of lists used in web design.</p> <p>-- You will learn how to markup various styles in CSS.</p> <p>-- The student should have added a list of links to the web pages you are making in chapter one of the text.</p> <p>-- All of these are covered in Chapter 2 and 3 of your text.</p> <p>-- We will review all of the pages we have made so far. This is a good time to send me questions.</p>	<p>CSS styles described in your book.</p> <p>-- Should be looking pretty good by now.</p> <p>-- Review the pages you have written so far. We should be ready for a test by now.</p>	<p>your work on your web space. You will be working on CSS for your pages.</p> <p>-- You will be expected to be able to write some basic code by now.</p> <p>-- all of the code in Chapter 2 of the text is fair game</p>
5	<p>-- Students should study and understand the CSS markup used in chapter 3 and 4 of the book.</p> <p>-- You will also look at chapter 5 to review adding picture files to your webpage. The most common picture files are .jpg and .gif file and .png files. Trying to use other file types may be problematic on your websites.</p> <p>-- Using the textbook. You will add picture files to you site.</p>	<p>-- You will do a test this week</p> <p>Directions will be sent .</p>	<p>-- I will correct your test when they are received by me. They must be sent as attachments in your email.</p> <p>-- This test should <b>not</b> be uploaded to your web sites.</p>
6	<p>-- Using the text, students will learn how to create a table for use in their web</p>	<p>-- We will create a basic table on our web pages</p> <p>-- Your midterm will have you create a page with a table in it similar to the page in the book.</p>	<p>-- I will view and look at</p>

	<p>pages.</p> <ul style="list-style-type: none"> <li>-- Using links to various tutorials, the student will learn the three types of tables you will frequently see on the web.</li> <li>-- Familiarize yourself with all the various table files used in the book.</li> <li>-- Next week is the midterm. We will be able to do at least one of the basic table file and by now you can add CSS like a pro.</li> </ul>	<ul style="list-style-type: none"> <li>-- Make sure you are caught up with your work. Everything done so far is fair game for the midterm.</li> </ul>	<p>the markup for your table pages that should be done and on your web site.</p> <ul style="list-style-type: none"> <li>-- Note this table is not your midterm it is a test file only.</li> </ul>
7	<ul style="list-style-type: none"> <li>-- Review your markup week.</li> <li>-- This week you will do your midterm and submit it to me via webstudy.</li> <li>-- You will spend the rest of week getting caught up with your work if need be.</li> </ul>	<ul style="list-style-type: none"> <li>-- You will do your midterm this week. See the directions that will be sent via email.</li> </ul>	<ul style="list-style-type: none"> <li>-- I will collect and review your midterm markup.</li> </ul>
8	<ul style="list-style-type: none"> <li>-- Chapter 7 discusses creating forms in your book.</li> <li>-- You will create a form using various form elements as described in the book.</li> <li>-- Your text uses an outside website to handle the form you create in the book, I gave you the code to make the form work on your webpage.</li> <li>-- The book now takes off and discusses having your material on a server.</li> <li>--Check my explanations of how to use a server. We will use the server to manage our forms. I will</li> </ul>	<ul style="list-style-type: none"> <li>-- You will start creating a form using the text.</li> <li>-- You will make your forms work using my code that I have given you.</li> <li>-- Forms are important and making them work is essential.</li> </ul>	<ul style="list-style-type: none"> <li>-- I will review your work on WebStudy.</li> <li>-- You will probably do a form for me that works, as part of your next test.</li> </ul>

	<p>provide sample code.</p> <p>-- The rest of the course will not be from the book. There are some really cool things left in the book but I am not sure will have time to cover them.</p>		
9	<p>-- There are some web pages that the course requires us to do but they are not covered in your text.</p> <p>-- Using information I will send to you, we will review how to create a page using Frames.</p> <p>-- Frames are not used all the time. Many text books ignore frames altogether. You will still see many examples of Frames on the internet.</p>	<p>You will create a frame page.</p> <p>-- Your links on the right side of the page will open in the left side of the page.</p> <p>-- You will have one page open in a separate window.</p>	<p>-- I will view your work on your web site.</p>
10	<p>-- You will learn how to make an image map page.</p> <p>-- Selecting the type of image you plan to use is important.</p> <p>-- You will learn how to select the points on the image using Microsoft Paint.</p> <p>-- You will create various links on your image.</p>	<p>-- After choosing the image you what to use, you will create your own image map page.</p>	<p>-- I will be able to check your markup and your image map page on the web.</p>
11	<p>-- We have done a lot of CSS in the text book. Now we will explain using CSS to create pages that look like tables.</p> <p>-- You will create a new index page using only CSS markup to replace the table format.</p> <p>-- You will also from now on, use the third technique for using CSS. Attaching your CSS markup to your pages.</p>	<p>-- You will create an index page using only CSS markup to create the appearance of tables.</p> <p>-- You will have all of your links working and up on your web site using the new format. I want you to have the old index file on your site as well. Call it index_old to separate the two files.</p>	<p>-- I will be able to check your markup and view your new page format.</p>
12	<p>-- You will learn how to create a web page with</p>	<p>-- You will do a short test this week This will be out Form test that we talked about earlier. Check</p>	<p>-- Your test will</p>

	<p>sound files added to the page.</p> <p>-- There are different ways to add sound files. We will go over a few of the different approaches.</p> <p>-- read any hand outs I put up on webstudy related to sound files to better understand creating webpage with sound files attached.</p> <p>-- You will learn how to add sound files the old way along with the new HTML5 approach to adding sound and video</p>	<p>WebStudy for details.</p> <p>-- You will also create a page with sound files added to the page to put up on your main course page.</p>	<p>be put up on your web site. I will check your markup, for the test and fill out your form to make sure it works.</p> <p>--You will also have put up a sound file page that I will review.</p>
13	<p>-- This week we will demonstrate how to add a video file to your web page.</p> <p>-- As with sound files, you will learn different ways to add video files.</p> <p>-- create a page using one of the techniques we discuss in thin week.</p>	<p>-- You will create a page that includes a video file.</p> <p>-- You will put your page up on your web site.</p>	<p>-- Your video page will be up on your web site, I will be able to view the markup you used.</p>
14	<p>-- JavaScript is an important part of web page construction.</p> <p>-- We will not be able to learn too much scripting in this course, but you will learn how JavaScript is used in web page design.</p> <p>-- You will be given a number of scripts to use.</p>	<p>-- You will create a page with some JavaScript used in the page.</p> <p>-- You will put your page up on your we site.</p>	<p>-- I will check your site for a JavaScript page.</p>
15	<p>-- You final pages should be done.</p> <p>-- You final site will have all of the required work</p>	<p>This is the last week.</p>	<p>I will check all of your final</p>

	up on your web site.		pages on your website this week.
--	----------------------	--	----------------------------------