# *Web Programming I (420-C10-HR)*

# *Lab 6 – External CSS and Images*

Date assigned: Monday, September 29, 2015

Date due: **Monday, September 29, 2015, at the end of your lab.**

**Learning Objectives**

Upon successful completion of this lab exercise, the student will be able to:

* Learn to create CSS in Dreamweaver
* Create web pages using external CSS
* Add images and background images to a web page

To do:

**Lab Set-Up**

1. Copy the C10\_L06 zip file from Moodle and unzip it to your H:\420-C10\Labs folder. Rename the folder to **YourUserName\_C10\_L06**.
2. You **must** use Dreamweaver for all the sites in all parts of this lab.
3. Remember to save and test the pages often. Do not attempt to make all the required changes and then save your work.
4. You do not have to do the sections marked as BONUS MARKS. If you do they will be marked and marks will be added to your mark on the lab up to a total of 100%. Anything beyond 100% will be rewarded. If you do not do the bonuses you will not lose any marks.

**Part A – Dreamweaver Tutorial**

1. Click on the Link “Dreamweaver Tutorial 4” on the Moodle page for the course and complete the fourth Dreamweaver Tutorial.

**Part B – Text Questions**

1. Answer questions 1, 2 and 3 on page 183 of your textbook.
2. **<img src=“primelogo.gif” height=“100” width=“650”>**
3. **<a href=“Schaumburg.jpg”><img src=“Schaumburgthumb.jpg” height=“100” width=“150” border=“0” /></a>**
4. **<nav>**

**<a href= “index.html”><img src=“home.gif” height=“50” width=“200”></a>**

**<a href= “order.html”><img src=“order.gif” height=“50” width=“200”></a>**

**<a href= “products.html”><img src=“products.gif” height=“50” width=“200”></a>**

**</nav>**

**Part C – Putting it Together with CSS and Dreamweaver**

1. Use Manage Sites in Dreamweaver to create a site called Lab6C site and point it to the folder YourUserName\_C10\_L06\Part\_C. Choose this as the active site.
2. In this exercise, you create a document that contains an image of a professor. The Part\_C/images folder contains an image file professor.jpg that should be used for this exercise.
   1. Create a new HTML5 document in Dreamweaver with the name professor.html. Make sure you create the document as an HTML5 document. Do this in Dreamweaver when you are creating the document.
   2. Enter Professor as the title of the file.
   3. Add the <img> element to a paragraph in the document body. Make sure you include the height and width attributes along with the alt attribute. To get the height and width of the image, right-click on the image, choose Properties and go to the Details tab
3. In this exercise, you create a document for a company that sells baseball uniforms.
   1. Create a new document in Dreamweaver. Use the HTML5 DTD when you create the document.
   2. Enter “Team Uniform Sales” as the title for the document.
   3. Create a web page as shown below. The three images you need to add are in the Part\_C/images folder. Add the image and then the text. Do NOT add any paragraphs or other tags.
   4. Add text formatting in an **external** style sheet called uniform.css.
   5. For text formatting create three generic **class selectors** and apply them to each line of text using a <div> element.
      1. Name the class selector for the first line .team.
      2. Name the class selector for the second line .shipping
      3. Name the class selector for the third line .price
   6. The .team class comes from the font family of Courier New, Courier or monospace. It has a size of .8 of a capital M and is purple.
   7. The .shipping class comes from the font family of Times New Roman, Times or serif. It has a size of .8 of a capital M and is red.
   8. The .price class comes from the font family of Arial, Helvetica or sans-serif. It has a size of .8 of a capital M and is green and bold.
   9. The h1 element is from the Georgia, Times New Roman, Times or serif font, is navy and has a size of 1.2 times a capital M.



1. In this exercise you add a background image to the document body of a web page for a chimney repair company.
   1. Open the chimneyrepair.html file in the current web site (PartC). The chimney.gif file is in the images folder.
   2. Add the appropriate style declaration to the body element that will place the chimney.gif image in the document’s background. The image should repeat.
   3. Move the CSS declarations (all three of them) to an external CSS file called chimneyrepair.css.
   4. The result looks like:



**Part D – Fish Creek Animal Hospital**

1. Use Manage Sites in Dreamweaver to create a site called Lab6D site and point it to the folder YourUserName\_C10\_L06\Part\_D. Choose this as the active site.
2. Complete the Fish Creek Animal Hospital Case Study requirements on pages 188-191 of your text book. Where the step tells you to locate the images and create a folder, you do not have to. I have included the required files and images in the folder Part\_D that you copied at the beginning of this lab. The images are in a subfolder called images and must be linked from that subfolder (you **cannot** copy them to the root folder).

Where you are told to open the file in Notepad, open the file in Dreamweaver. You should use Dreamweaver (in Design Mode) to do all the steps.

Remember: You MUST validate both the external CSS file and the html file using the appropriate w3c validators. It is the first thing I will do when I mark them. You must also correct the poor programming practices in the source files. The textbook author uses valid HTML5 tags, but does not always complete the tags using thorough programming techniques. You must, therefore, make sure all elements are closed, whether that is using a separate closing tag, or closing it at the end of a stand-alone element. There may be corrections to be made to the files.

**To submit**

When you have completed the lab exercise, copy the files from the YourUserName\_C10\_L06 folder (listed below), to the Moodle area for this course:

* The folder (with all the files) Part\_A
* This document updated to include the answers to Part B
* The folder (with all the files) Part\_C
* The folder (with all the updated files) Part\_D