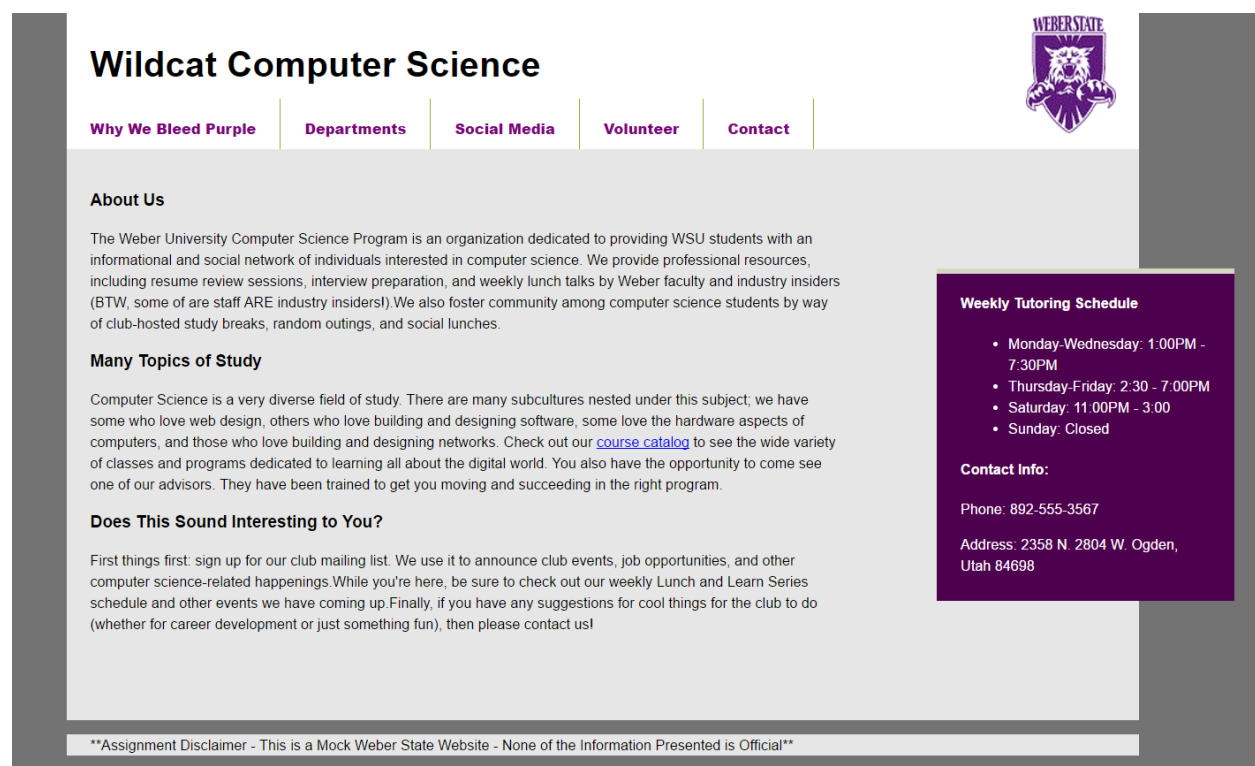


## PART I: CSS Layout and Print Formatting

Brian Rague, a professor at Weber State University in Ogden, Utah has been working on a new website for the Weber State Computer Science Department. Professor Rague has already created some sample pages and created the content for the site, but he needs your help in completing the project. He would like to put a call-out box to the right of the page content with schedule information inside. He would also like the navigation menu to include links floating to the left. He's also interested in using CSS to position the Weber State Logo within the navigation menu. To test your design, you'll create a style for a page containing the text of Weber State's Computer Science Webpage.

**A preview of the webpage you'll create for Professor Rague is shown below.**



1. Use your text editor to open the index.html and the wcs.css files from the A5 starter folder. Edit the <head> and Comments information, on each page, as appropriate. Take some time to examine the contents and structure of both the HTML file and the external style sheet.
2. Return to the index.html file in your text editor. Create a link to the wcs.css style sheet in the styles folder.
3. Open up the wcs.css file and under the /\*Positioning Rules\*/ section, create two rules for the *container* div id - making it a width of 900px and the margin to "0 auto" (what's this "0 auto"? [click here to see](#))

4. Now create three rules for the *content* div id - with relative positioning, a padding of 20px 250px 60px 20px (remember TRBL), and the background as #e6e6e6.
5. Next, create four rules for the *nav* div id that set the height of 80px, a background color of #ffffff, the top padding 20px, and the bottom padding as 20px.
6. Now we want to position the *logo* div id on the right-hand side of the navigation, so write two rules to make this div's position as relative, and float it to the right. Because position property has offset properties such as top, bottom, left, and right; write two more rules to make the top offset property as -70px, and the right as 20px.
7. For the *callout* div id, we are going to write eight rules. One to use absolute positioning. The next four to set the offset properties for top: 100px, bottom 100px, right -80px, and the width (just width:210px;). The sixth rule to set the top and bottom padding to 0px and left and right to 20px. The final two rules to make the top border: 5px, solid, and the color is #d6d6c2. Finally, the background of this division will be the color #4d004d.
8. The last positioning style will be 3 rules for the *footer* div id. Use its id to assign a width of 860px a top and bottom padding of 0px and a right and left padding of 20px. Finally a background color property of #e6e6e6.
9. Now we are going to start under the "Styling Rules" label by styling all <a> elements within the *nav* div id. Write eight rules to 1) display all links as "block", 2) float them to the left, 3) make the text color "purple", 4) with the text-decoration set to none, 5) and the text-weight as 900. 6) Mark the top and bottom padding properties as 0px and the right and left padding as 20px. 7) Mark the line-height as 50px and finally, 8) for a cool separation technique, mark the "border-right" to: 1px solid #91ab3b.
10. Write two separate rules for the pseudo-selectors a:active and a:hover - contained within *nav* div id. Set the active navigation links to #330033 and set the background color to #91ab3b for the navigation link hover property.
11. The last navigation property we will set is for h1 within *nav* div id, making the left padding 20px, and the font size 250%.
12. For h3 in the *content* division id, set the color to #000000.
13. For the *callout* div id, make the h2, h4, paragraphs, and list items #ffffff
14. Save your changes to the files and open the index.html file in your Web browser. Verify that the layout resembles the figure shown above.
15. Link another style sheet named print.css containing style modifications only intended for a printed version (media="print") of the pages in your Web site. Add appropriate comments to the different parts of your stylesheet. At a minimum, you should hide all images (including validation logos) and navigational links. Pretty much the printed version should only provide a formatted and positioned for paper copy of the 3 paragraphs entitled "About Us", "Many Topics of Study", and "Does this Sound Interesting to You" and their titles.

16. Open the index.htm file in your Web browser, and select PRINT (Print Preview) to verify that the layout or appearance is different from the screen version.

17. Make sure the web page validates HTML 5 and include sthe W3C Validation logo **as well as the CSS validation logo (proving the CSS is valid too)**. Note: Do not put the logos on the page unless you actually get it to validate. Having a logo without validation will result in a double penalty. Again, make sure the logos do not show on the print version.