

# Web Programming

152-150

## HTML and CSS

40 points
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Using HTML, create Help pages for one of your Programming Logic – Intermediate programs (Assignment Tracker, DVD database, etc). If you no longer have the program, ask me—I probably still have a copy.

Use the following Help system as an example:

<http://instructor.mstc.edu/instructor/vgaul/Attendance%20Tracker%20Help/index.htm>

Your Help system does not need to be this complex, but it should include at least three pages.

Somewhere on the pages, you must demonstrate the following HTML competencies:

- ☐ contains a home page (index.html) and two additional pages,  
(If you include more than these three pages, I will NOT grade all your pages. Email me when you submit the assignment and tell me which **three** pages to grade.)
- ☐ contains a folder to hold all the site images,
- ☐ contains a folder to hold all the site pages except the home page.
  
- ☐ An external style sheet that controls the format of at least 3 elements, linked to all three pages
- ☐ An embedded style sheet (<style> tag) for at least one page that controls the format of at least 3 elements

All of the following may be implemented using external, internal or inline styles.

- ☐ Heading
- ☐ Heading with an alignment style
- ☐ Centered heading
- ☐ Paragraph
- ☐ One bold element
- ☐ One italics element
- ☐ One element that is both bold and italics
- ☐ Image centered horizontally on the page
- ☐ Horizontal line (with a customized color, width/height)
- ☐ Unordered list that uses an image as a bullet
- ☐ Ordered list
- ☐ Special character
- ☐ Special character from <http://www.chami.com/tips/internet/050798I.html> that is not included in the course notes
- ☐ Line break

- ☐ Change the text color of at least one element of your web site
- ☐ Change the background color of at least one element of your web site
- ☐ Use at least one named color
- ☐ Use at least one RGB color combination
- ☐ Use at least one hexadecimal color designation
  
- ☐ Change the font of at least one element of your web site
- ☐ For each font you designate, also designate the font **TYPE** the browser should use if the first font is not available.
- ☐ Change the font size of at least one element of your web site using an absolute font size.
- ☐ Change the font size of at least one element of your web site using a relative font size (%)
- ☐ Change the kerning and/or tracking of at least one element of your web site
- ☐ Indent at least one element of your web site
- ☐ Using a style (not <i>), change one element of your web site to display italics
- ☐ Using a style (not <b>), change one element of your web site to bold face
- ☐ Using a style (not <u>), change one element of your web site to underlined
- ☐ Using a style (not a special character), include at least one superscripted or subscripted item in your web site.
- ☐ Use at least one <span> tag in your web site.
  
- ☐ Include at least one image in your site that demonstrates text wrapping around it.
- ☐ Change the margins of an image that has text wrapped around it.
- ☐ For all images, include a height and width designation that matches the actual size of the image
- ☐ Add a background image to a form, but only have the image tile vertically (up and down). Change the image tag so the background image doesn't scroll when the page does.
- ☐ Change the margins of that web page so the background image doesn't appear behind the text
  
- ☐ At least two bookmarks and links to them.
- ☐ At least one link to a bookmark on another page within the site.
- ☐ At least one link to another web site.
- ☐ At least one link to a bookmark on a page in another site.  
(Hint: My web site has lots of pages with bookmarks)
- ☐ At least one thumbnail image that links to a larger version of the picture.
- ☐ At least one link with a **title** attribute.
- ☐ At least one link that opens in a new window (not counting the thumbnail link)
- ☐ At least one Email link.
  - Do not use a *harvest proof* Email. Use an actual Email link.
- ☐ At least one image link (with no borders) other than the thumbnail link.

#### Extra Credit (2 points)

- ☐ Link your main Help page to your project.
  - ☐ Add a status bar to your project (if it doesn't already have one).
  - ☐ Add a Help icon to the status bar.
  - ☐ Link the Help icon to the main page of your help system.