

Web Development Final

~~General~~ - overall on all pages

Website with a minimum of 4 pages (index can count). CSS should be linked through an external .css file. No internal CSS, period. Minimal inline CSS where needed.

Consistency throughout all the pages so that they all seem to be part of the same website (because they are). Some easy ways to do this is to be consistent with font styles, footers, navigation, color schemes, etc. This doesn't mean that all pages need to be as close as twins, but they should all look like they are from the same family.

~~Animation~~ - rules page

Your website should include at least one animation. The <marquee> tag does not count as an animation, and should not be used since it is depreciated. Your animation should have at least two different attributes that are being changed and include at least 4 keyframes.

~~Hotspot~~ - click on the moon on the first page

Your website should have at least one hotspot. An image embedded in a link does not count as a hotspot, nor does making the hotspot the entire image. Use the proper tags and have your hotspot location on the image make sense.

https://www.w3schools.com/tags/tag_map.asp

~~Table~~ - items page

Your website should include at least one table. All tables should have table headers and custom borders. You need to have a minimum of 2 columns and 10 rows, not including table headers. You can have multiple tables or a single table that meet the requirements; i.e. 2 single column tables that have 5 rows each.

Embedded Media

Your website must have an embedded audio clip or video file. Embedding iframes from youtube or any other site will not count for this requirement. You must have a copy of the file (< 10 MB, smaller the better) and use the audio, or video tags to put it in your website.

JavaScript

You need to have at least one page that includes some JavaScript. You should link to an external .js file and use the keyword “defer” in the <script> tag. The javascript should be moderately complicated; think of practice files 4, 5, and 6. You can use the ideas from the practice files, but need to modify them so that it's a new implementation.

Titles - overall

Every page on your website needs to have a title in their <head>. Titles should reflect what the page is about and be as few words as possible.

~~Font Changes~~ - the entire thing is in orbatron

Every page should have custom fonts. Feel free to include fonts from fonts.google.com, but using some built-in fonts is okay as well. The vast majority of the fonts on your pages should be something that you chose and not the default font. Also, you should actively choose the size, color, and other decorations as appropriate.

~~Background Images/Color~~ - overall

Every page should have a custom background. Whether that is an image, solid color, or gradient is up to you. Be aware of your colors, don't have a light background with light fonts, and visa versa.

~~Imported Graphics/Images 2/4~~ - all pages are on the web

You need to have a minimum of 4 pages that have graphics or images using the tag. You can have a local copy of these or link to them on the web.

~~Hyperlinks 4/4~~ - on the top of all pages

You must have a minimum of 4 pages that have hyperlinks. These can be links to outside websites or other pages of your website.

~~Drop Menus or Rollover Buttons-~~ on the top of all pages

Your site needs to have a minimum of 4 pages with a drop menu or rollover button. A drop is when you hover over something and something 'drops' out of it, like a menu or a larger version of the picture. A rollover is when you hover on something, like a button, and it changes. A navbar is a really easy way to knock this out if you're having a hard time. Otherwise, checkout https://www.w3schools.com/css/css_dropdowns.asp for examples of drops and https://www.w3schools.com/css/css3_buttons.asp for examples of rollovers.

~~Header or Navbar-~~ on the top of all pages

All of your pages should have a header or navbar, but I will only grade 4. For the sake of consistency you should choose to do either headers, navbars, or both on every site. If you choose to go with just headers, you will need to provide a different way to navigate through your site. If you choose to make a navbar, you should use the <nav> tag instead of the with a lot of CSS. Navbars are also an opportunity to double dip requirements, you can make the different page links be rollovers or have a drop menu for your navbar. Remember consistency.

Footer

All pages should have a footer, but I will only grade 4. Your footer should include general things about your website and you as the author (or your alter ego). Just for Mr. Simonsen, include a paragraph or two about what you learned in this class in the footer. The footer should be exactly the same on each page.

~~ID/Class tags~~ - everywhere

You should have 4 pages that utilize ID and/or Class tags. Your javascript page is an easy one to knock this out. Remember (or look up and remind yourself) the differences between IDs and Classes and when to use them.