

# CSC 174 Lab 9 Principles of Page Design

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*Due: Thursday, November 3, 2016*

The purpose of this lab assignment is to work as a team (2 students) to build a professionally styled single-page (scrolly) website that follows the principles of good page design.

## Starter Files

- In the Lab 9 area of our Blackboard section, download and extract the **starter files** provided.
- You'll probably only need to edit the **index.html** and the **styles.css**. You'll probably leave the **long-scrolly.css** file as-is.

## Content and Design

Pick a topic (anything) and layout the content using the principles of page design. The design must fulfil the following requirements.

- ☐ Three sections (three virtual pages on the one long scrolly page)
  - The "hero" Z-pattern page
  - The content F-pattern page
  - A colophon-like card page
- ☐ A set of design files in some form, which may include:<sup>1</sup>
  - A wireframe diagram
  - A style definition document (a list of fonts, styles, and grid instructions for the developer/coder)
  - A comp (comprehensive design document)

## Section one - the first "page" - Z-Pattern

- ☐ Must use a Z-pattern
  - Very little text
  - Appropriate Points of interest in the (#1) Primary Optical Area; (#2) Strong Follow Area; (#3) Weak Visual Area; and (#4) Terminal Area
  - Refer to the Lecture 16 slides for examples
- ☐ Must have a single large image or video that fills the background of the browser's viewport
- ☐ Images must be optimized for the web. No file size more than about 350K or so.

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<sup>1</sup> You'll need to turn in any combination of documents like these. Not necessarily the ones listed here. You just enough to demonstrate the intent of the website before the website is coded.



## Section two - the second "page" - F-Pattern

- ☐ Must use an F-pattern
  - Use of rows to layout content with the most interesting content on the left followed by supporting content on the right

## Section three - the third "page" - card layout

- ☐ Must use card layout
- ☐ Content must include two "cards" - one for each person who worked on this lab assignment
  - Cards must include an image, name, short description of who did what on this lab assignment

## Other Requirements

ALL principles of page design must be incorporated especially the following:

- ☐ The "CRAP" principles (Lecture 15) - good use of Contrast, Repetition, Alignment and Proximity
- ☐ The 10 Principles of Readability (Lecture 16, last slide)
  
- ☐ The website must also practice all good practices from CSC 170.

## Notes/Suggestions

Use lots of CSS properties for text like line-height for paragraphs, and letter-spacing and text-shadow for headings. However, a little goes a long way. Don't overdo it! Also consider loading and using custom web fonts.

Do not belabor the text content. Focus on finding good/usable images and make sure they're optimized for the web.

If you're interested, Google: `youtube web background videos` to find content and easy tutorials

Although your website will not be graded for use on small devices, you cannot assume the size of desktop that will be used to view your website. Make sure any alignment of text and backgrounds do not cause readability problems on any normal desktop.

## Upload to the Production Webserver

Upload your finished files to the production webserver and check it at this address: (where "username" is the account you created with your first initial and last name)

**[www.ursc170.org/username/lab09](http://www.ursc170.org/username/lab09)**

## Make a submission in Blackboard

In our Blackboard section, create a submission in the Lab 9 Assignment so you can post a link to your website to receive credit for this lab.