**IDM 250 Weekly Assignments**

**Assignment 1:**

**READ**

* Six Revision’s Ultimate Guide to Website Wireframing
  + [http://sixrevisions.com/user-interface/website- wireframing/](http://sixrevisions.com/user-interface/website-)
  + [http://www.smashingmagazine.com/2009/09/01/35-excellent- wireframing-resources/](http://sixrevisions.com/user-interface/website-)
  + [http://mashable.com/2010/07/15/wireframing-tools/](http://sixrevisions.com/user-interface/website-)

**WORK**

* On your own WordPress installation:
  + Research Wordpress themes you can edit and use for your website.
    - **Find 3** and install on your own WordPress installation.
    - **Write 3 posts** about the pros/cons of each on your own WordPress site. What is each capable of? Include link to theme in post.
  + **Create 3 Pages** on your own WordPress site
  + **Activate Akismet**, apply your API key. (Hint: You can get your API key for free).
  + Using a theme of your choice (from one of the three in your posts) **customize WordPress to your prefs**
    - Customize the following:
      * Widgets
      * Menus
      * Options
      * Header
      * Background
* Create a list of all the content you want on your website to sell yourself as a professional (or meet the goal of your website)
* Do card sort exercise of website content
* Create sitemap of your website’s structure
* Create **two** **different annotated high quality** wireframes for your homepage at (4 wireframes total):
  + 400px
  + 1200px
* No sketches for wireframes! Don’t forget the [annotations](https://www.smashingmagazine.com/2016/11/wireframe-perfectionist-guide/#annotating-the-wireframes)!

**SUBMIT ON BBLEARN**

* Submit the URL to your custom installation of WordPress. Blog posts and pages must be visible.
* IDM250\_01\_wireframes.pdf
* IDM250\_01\_content.jpg
* IDM250\_01\_cardsort.jpg
* IDM250\_wk01\_sitemap.jpg

**Assignment 2:**

**WORK**

* Revise selected homepage wireframes based on feedback
* Create **annotated high quality** wireframes for the rest of the pages that have an **unique layout** on your website at:
  + 400px
  + 1200px
* Include the following if you have them:
  + Static page (a page that can be re-used as a basic page)
  + About
  + Portfolio
  + Portfolio item (What happens when you click on a portfolio item? What does that page look like?)
  + Blog page
  + Blog post
  + Contact

**SUBMIT**

* IDM250\_02\_wireframes.pdf

**Midterm (20%):**

Redesign your portfolio website with the idea of conversion for use with database driven Content Management System. These should look exactly as you want them to look when the theme is complete.

**WORK**

* Redesign your website with the idea of conversion for use with a database driven Content Management System. All of your static web page images should look exactly like you want your website pages to look like when the theme is complete.
* Create a polished **high quality annotated design composition** of your website. Design the following:
  + Homepage
    - 400px
    - 1200px
  + All other pages with unique layouts at 1200px
* *Don’t forget the annotations!*

**GRADING CHECKLIST**

* Content
  + All pages with an unique layout are created
  + **All content is real**
  + All content is properly labeled, makes sense, and purposeful
* Design
  + Content and design clearly indicate the purpose of the website and it’s goal
  + Interactions (like lightboxes and hovers) are represented
  + Header and footer is consistent on all pages
  + Typographic hierarchy helps guide reading with brand aware font pairings
  + Padding and spacing is consistent on pages and across pages
  + Links look like links, buttons like buttons..
  + Clear visual hierarchy dictates what is important on the page
  + Color palette is refined and reflects brand
* Annotations
* Correct format (sizes, file types, and naming) submitted

**SUBMIT ON BBLEARN**

* IDM250\_midterm\_comps\_01.pdf

**Assignment 3:**

**WORK**

* Create all pages that need to exist on your site.
* Create child theme from your selected theme
  + Screenshot your child theme setup and activate in WordPress dashboard and submit screenshot.
* Research what changes you will need to make to said theme to get it to exactly match your final design concept. Create a post on your WordPress installation that covers:
  + List what changes you believe you will be able to make in the Dashboard.
  + List what changes you believe you will be able to make in CSS.
  + List what changes you believe you will have to make with PHP.
  + *This list must be* ***EXHAUSTIVE****! Do NOT write “Create header”.* ***Break it down!*** *“Create header” should be “Style main navigation,” “Create clickable logo,” and “Add tagline.” You will lose points for a mediocre list.*
* Create and style responsive header and footer for every page just like it is in your midterm with HTML, CSS, and PHP.

**SUBMIT ON BBLEARN**

* URL to selected WordPress Theme
* URL to your Wordpress site
* WBDV243\_03\_childThemeProof.jpg
* URL to itemized link post on WordPress

**Assignment 4:**

**WORK**

* Complete responsive homepage. Include all functionality, animation, responsive design...etc.
* Take two screenshots of FULL-LENGTH homepage
  + at 400px
  + at 1200px
  + *I recommend Google Chrome plugin* [*Full Page Screen Capture*](https://chrome.google.com/webstore/detail/full-page-screen-capture/fdpohaocaechififmbbbbbknoalclacl?hl=en-US)*.*
* Submit your PHP file for your theme and child theme zipped up.

**SUBMIT ON BBLEARN**

* URL to your Wordpress site
* IDM250\_04\_homepage400.jpg
* IDM250\_04\_homepage1200.jpg
* IDM250\_04\_themes.zip

**Final Project (40%)**

**WORK**

* Complete website with responsive design, all functionality, animation...etc

**GRADING CHECKLIST:**

* Responsive design
  + All pages are responsive and working at all screen sizes
* Functionality
  + All functionality (drop downs, menus, videos, lightboxes, carousels, etc…) are working
* Design & Content
  + Images are final and high quality
  + All content is real and final
  + All content is properly labels, makes sense, and purposeful
  + Content and design clearing indicate the purpose of the website and it’s goal
  + Padding and Space is consistent
  + There is a clear visual hierarchy
* Code Quality
  + Site is smartly coded using modules for repeating code segments
  + Content is NOT STATIC and can be updated through the WordPress dashboard
  + Code is clean. White spaces, comments, and proper indentation is used in the files.
  + Code validates and gives no errors

**SUBMIT ON BBLEARN**

* Direct link to your final IDM 250 web site
* Your zipped "wp-content" folder
  + IDM250-content-cmm469.zip
* Your zipped non-password protected MySQL database.
  + IDM250-database-cmm469.zip
* Your zipped archive of all your final Theme Files. If your theme is a child Theme you will also have to submit the Parent theme. All code should validate with zero errors.
  + IDM250-themes-cmm469.zip
  + ^ This zip should include both parent and child themes