**BYU-I Studies WWD 230 WEB DEVELOPMENT I**

**Week 1**

**Week 2**

**Css normalized:**

**Reference links**

* [**https://necolas.github.io/normalize.css/8.0.1/normalize.css**](https://necolas.github.io/normalize.css/8.0.1/normalize.css)
* [**http://meyerweb.com/eric/tools/css/reset/**](http://meyerweb.com/eric/tools/css/reset/)
* [**https://www.youtube.com/watch?time\_continue=1&v=QY3lTBZnJmE&feature=emb\_logo**](https://www.youtube.com/watch?time_continue=1&v=QY3lTBZnJmE&feature=emb_logo)

**Design Principles:**

**A recommended links:**

* [**https://cxl.com/**](https://cxl.com/)
* [**https://cxl.com/blog/universal-web-design-principles/**](https://cxl.com/blog/universal-web-design-principles/)
* [**https://learn.g2.com/principles-of-design**](https://learn.g2.com/principles-of-design)
* [**https://uxengineer.com/principles-of-design/alignment/**](https://uxengineer.com/principles-of-design/alignment/)
* [**https://www.w3.org/TR/WCAG/#conformance-to-wcag-2-1**](https://www.w3.org/TR/WCAG/#conformance-to-wcag-2-1)
* [**https://uxengineer.com/principles-of-design/white-space/**](https://uxengineer.com/principles-of-design/white-space/)
* [**https://www.youtube.com/watch?time\_continue=600&v=mOA0WH00reA&feature=emb\_logo**](https://www.youtube.com/watch?time_continue=600&v=mOA0WH00reA&feature=emb_logo)

**Media Query tips:**

**Recommended links:**

* [**https://web.dev/responsive-web-design-basics/#how\_to\_choose\_breakpoints**](https://web.dev/responsive-web-design-basics/#how_to_choose_breakpoints)

**WEEK 3**

**The Definition of User Experience (UX)**

**Summary:** "User experience" encompasses all aspects of the end-user's interaction with the company, its services, and its products.

* [**https://www.nngroup.com/articles/definition-user-experience/**](https://www.nngroup.com/articles/definition-user-experience/)

# User Interface Design Basics

User Interface (UI) Design focuses on anticipating what users might need to do and ensuring that the interface has elements that are easy to access, understand, and use to facilitate those actions. UI brings together concepts from [interaction design](https://www.usability.gov/what-and-why/interaction-design.html), [visual design](https://www.usability.gov/what-and-why/visual-design.html), and [information architecture](https://www.usability.gov/what-and-why/information-architecture.html).

* <https://www.usability.gov/what-and-why/user-interface-design.html>

**Responsive web design:**

* [**https://developers.google.com/search/mobile-sites/mobile-seo/responsive-design**](https://developers.google.com/search/mobile-sites/mobile-seo/responsive-design)

**Pareto principle:**

* [**https://projectricochet.com/blog/software-development-pareto-principle-and-80-solution**](https://projectricochet.com/blog/software-development-pareto-principle-and-80-solution)

**Steps to create a web site plan:**

* [**https://www.jimdo.com/blog/preparing-build-website-create-site-plan/**](https://www.jimdo.com/blog/preparing-build-website-create-site-plan/)

**Get information from persons to the site plan:**

* [**https://www.usability.gov/how-to-and-tools/methods/personas.html**](https://www.usability.gov/how-to-and-tools/methods/personas.html)
* [**https://www.usability.gov/what-and-why/web-analytics.html**](https://www.usability.gov/what-and-why/web-analytics.html)

**Google developer tools:**

* [**https://developers.google.com/web/tools/chrome-devtools/accessibility/reference#contrast**](https://developers.google.com/web/tools/chrome-devtools/accessibility/reference#contrast)

**week 4**

**Display, positioning, flex, flexbox, grid:**

* [**https://developer.mozilla.org/en-US/docs/Learn/CSS/CSS\_layout/Introduction**](https://developer.mozilla.org/en-US/docs/Learn/CSS/CSS_layout/Introduction)

**Floats properties:**

* [**https://developer.mozilla.org/en-US/docs/Learn/CSS/CSS\_layout/Floats#Clearing\_floa**](https://developer.mozilla.org/en-US/docs/Learn/CSS/CSS_layout/Floats#Clearing_floa)

**WEEK 5**

**Favicon Concept:**

* [**https://developer.mozilla.org/en-US/docs/Learn/HTML/Introduction\_to\_HTML/The\_head\_metadata\_in\_HTML#Adding\_custom\_icons\_to\_your\_site**](https://developer.mozilla.org/en-US/docs/Learn/HTML/Introduction_to_HTML/The_head_metadata_in_HTML#Adding_custom_icons_to_your_site)

**6 WEEK**

**DNS concept**

* [**https://www.freecodecamp.org/news/what-is-dns-anyway/**](https://www.freecodecamp.org/news/what-is-dns-anyway/)

**7 WEEK**

**Css Grid Tips**

* **Dsd**

**Progressive Loading**

* [**https://developer.mozilla.org/en-US/docs/Web/Progressive\_web\_apps/Loading**](https://developer.mozilla.org/en-US/docs/Web/Progressive_web_apps/Loading)