Week 01 -- Hello World

🔴 [What is Code?](https://www.bloomberg.com/graphics/2015-paul-ford-what-is-code/), Paul Ford, Bloomberg Businessweek. June 15, 2015.

[My website is a shifting house next to a river of knowledge. What could yours be?](https://thecreativeindependent.com/essays/laurel-schwulst-my-website-is-a-shifting-house-next-to-a-river-of-knowledge-what-could-yours-be/) by Laurel Schwulst

[Creating Your First Repository with GitHub Desktop](https://docs.github.com/en/desktop/installing-and-configuring-github-desktop/overview/creating-your-first-repository-using-github-desktop), GitHub Desktop Documentation

🔴 [Getting Started with Git and GitHub Desktop](https://www.codecademy.com/articles/what-is-git-and-github-desktop), Codecademy (start reading from the section called *What is GitHub?*)

Week 02 -- HTML Basics

[Basic HTML Is the New Punk Folk Explosion](https://docs.google.com/document/d/1_ye_CkssC7b9hLWvWZ-OpfjVAN5QaJSLkwMHi71VQX4/edit), Zach Mandeville

[A Brief History of HTML](https://www.wired.com/1997/04/a-brief-history-of.html), Wired 1997

🔴 [Introduction to HTML](https://developer.mozilla.org/en-US/docs/Learn/HTML/Introduction_to_HTML), MDN Documentation \*\* OR \*\* [HTML Essential Training](https://www.linkedin.com/learning/html-essential-training-4/what-is-html?u=74653514), Linkedin Learning

[HTML Elements Reference](https://developer.mozilla.org/en-US/docs/Web/HTML/Element), Lists all HTML elements

Week 03 -- Visual Information Design

Designing Visual Interfaces, Kevin Mullet and Darrell Sano

Week 04 -- CSS Basics

[Posting and Posing: Social Media, Activism and the Contemporary Practice](https://www.arch.columbia.edu/events/1885-posting-and-posing-social-media-activism-and-the-contemporary-practice). An introduction to the basics of creating images, videos, and gifs for the web, with an emphasis on experimental image-making.

[In Defense of the Poor Image](https://www.e-flux.com/journal/10/61362/in-defense-of-the-poor-image/), Hito Steyerl. November 2009

The [Chrome Element Inspector](https://developer.chrome.com/docs/devtools/css/?hl=en) allows you to look at a specific element on a web page and see exactly which CSS rules have been applied. You can also turn rules on and off, modify rules, and create new rules, which makes experimenting within the Inspector a fast way to fine-tune your designs.

[Common CSS Properties Reference](https://developer.mozilla.org/en-US/docs/Web/CSS/CSS_Properties_Reference), basic list of the most common CSS properties

Image sizing

[How to clip an image to the parent div?](https://stackoverflow.com/questions/7075974/clipping-divs-inner-content), Stack Overflow

[How to fill a box with an image without distorting it](https://developer.mozilla.org/en-US/docs/Learn/CSS/Howto/Fill_a_box_with_an_image), MDN Documentation

[A deep Dive into object-fit and background-size in CSS](https://www.smashingmagazine.com/2021/10/object-fit-background-size-css/), Smashing Magazine

[How to make two divs side by side using inline-block?](https://stackoverflow.com/questions/20792501/how-to-make-two-divs-side-by-side-using-inline-block), Stack Overflow

[CSS Positioning 101](https://alistapart.com/article/css-positioning-101/), A List Apart by Noah Stokes. November 2010

[Box-sizing](https://developer.mozilla.org/en-US/docs/Web/CSS/box-sizing), MDN Documentation

Week 05 -- Color, Type and Gestalt

Where to find fonts?

FREE

[Google Fonts](https://fonts.google.com/)

[Adobe Fonts](https://fonts.adobe.com/)

[Use & Modify](https://usemodify.com/)

[Open Source Typefaces](https://www.are.na/frederic-brodbeck/open-source-typefaces)

[Library Fonts by Womxn](https://www.design-research.be/by-womxn/)

[Awwwards Free Font Collection](https://www.awwwards.com/awwwards/collections/free-fonts/)

Type Foundries (with free trial fonts)

[205tf](https://www.205.tf/)

[Family Type](https://familytype.co/)

[Grilli Type](https://www.grillitype.com/)

[Klim Type Foundry](https://klim.co.nz/)

[Feliciano Type](https://felicianotype.com/)

[Milieu Grotesque](https://www.milieugrotesque.com/)

[Production Type](https://www.productiontype.com/)

[Swiss Typefaces](https://www.swisstypefaces.com/)

[Vocal Type](https://www.vocaltype.co/typefaces)

[Velvetyne](https://velvetyne.fr/)

[Future Fonts](https://www.futurefonts.xyz/)

Other Type Foundries

[Colophon](https://www.colophon-foundry.org/)

[Commercial Type](https://commercialtype.com/)

[Village](http://vllg.com/)

[Lineto](https://lineto.com/)

[Klim Type Foundry](https://klim.co.nz/)

[Hoefler & Co](http://www.typography.com/)

[Font Bureau](http://fontbureau.typenetwork.com/)

[Radim Pesko](http://www.radimpesko.com/)

[How to size text using ems](http://clagnut.com/blog/348/) by Richard Rutter 18 May 2004

[Fun with viewport units](https://css-tricks.com/fun-viewport-units/), CSS Tricks

[Web Typography: Using the Golden Ratio and REMs](https://gregrickaby.com/blog/using-the-golden-ratio-and-rems) by Greg Rickaby 19 May 2013

[Professional Web Typography](https://prowebtype.com/) by Donny Truong

[The Elements of Typographic Style Applied to the Web](http://webtypography.net/toc/), Richard Rutter

[TypeWolf](https://www.typewolf.com/)

[Google Font Pairings](https://www.figma.com/google-fonts/), Figma

Type on Screen, Ellen Lupton

[Practical Typography](https://practicaltypography.com/), Matthew Butterick

[Web Typography Cheat Sheet](https://learntheweb.courses/topics/web-typography-cheat-sheet/), Learn the Web

[Web Typography Checklist](https://learntheweb.courses/topics/web-typography-checklist/), Learn the Web

Color

[Color Moods](https://colormoods.co/) suggests pairs of colors based on stimulation

[CSS Colors](https://www.w3schools.com/cssref/css_colors.php) – color names supported by all browsers

[Adobe Color](https://color.adobe.com/create/color-wheel)

[The Code Side of Color](https://www.smashingmagazine.com/2012/10/the-code-side-of-color/) by Ben Gremillion 04 October 2012

[The Elements of Color](https://www.are.na/block/1231552) by Johannes Itten (book)

Linear Gradients

* <https://cssgradient.io/>
* <https://developer.mozilla.org/en-US/docs/Web/CSS/linear-gradient()>
* <https://css-tricks.com/css3-gradients/>
* <https://learn.shayhowe.com/html-css/setting-backgrounds-and-gradients/#gradient-backgrounds>

Week 06 -- Layout Basics

[Layout Essentials](http://www.bsing.net/teaching_docs/grid_book.pdf): 100 Design Principles for Using Grids by by Beth Tondreau (book)

[Grid Systems in Graphic Design](https://www.are.na/block/1399925) by Josef Muller-Brockman (book)

The Designer and the Grid by Lucienne Roberts (book)

Making and Breaking the Grid: A Graphic Design Layout Workshop by Timothy Samara (book)

[A Brief History in Layout Design: The Early Grid Systems](https://www.printmag.com/post/early-grids-in-layout-design) by Natalie Boyd. December 04, 2016. PRINT Magazine.

[Getting Started with CSS Layout](https://www.smashingmagazine.com/2018/05/guide-css-layout/) by Rachel Andrew 25 May 2018

[A Complete Guide to Flexbox](https://css-tricks.com/snippets/css/a-guide-to-flexbox/) by Chris Coyier 21 December 2020 CSS Tricks

[An Animated Guide to Flexbox](https://www.freecodecamp.org/news/an-animated-guide-to-flexbox-d280cf6afc35/) by Free Code Camp. 31 January 2017

[Web Design as Architecture](http://www--arc.com/) by Malte Mueller

[Content-out Layout](https://alistapart.com/article/content-out-layout/) by Nathan Ford. March 25, 2014. A List Apart

[Content and Display Patterns](https://danmall.com/posts/content-display-patterns/) by Dan Mall

[Designing with Content](https://gathercontent.com/blog/designing-with-content-how-using-content-patterns-can-help) by Lizzie Bruce

[The Experimental Layout Lab](https://labs.jensimmons.com/) by Jen Simmons\*\*

[Flexbox Froggy](https://flexboxfroggy.com/) and [Flexbox Defense](http://www.flexboxdefense.com/) -- games for learning CSS flexbox.

Week 07 -- Midterm Reviews (no class)

Week 08 -- Responsive Web Basics

[Building Web Layouts for Dual-Screen and Foldable Devices](https://www.smashingmagazine.com/2022/03/building-web-layouts-dual-screen-foldable-devices/) by Stephanie Stimac. Mar 3 2022. Smashing Magazine

[How to Write Mobile-First CSS](https://zellwk.com/blog/how-to-write-mobile-first-css/) by Zell Liew. Dec 17, 2014

[How to Use CSS object-fit and object-position](https://www.sitepoint.com/using-css-object-fit-object-position-properties/) by Ralph Mason. July 20 2023. Sitepoint

[A Deep Dive into object-fit and background-size in CSS](https://www.smashingmagazine.com/2021/10/object-fit-background-size-css/) by Ahmad Shadeed. Oct 2021. Smashing Magazine.

[Text on Images (includes tints) by Chris Coyier](https://css-tricks.com/design-considerations-text-images/). Dec 2014. CSS Tricks.

Week 09 -- JavaScript Basics

[What is JavaScript](https://developer.mozilla.org/en-US/docs/Learn/JavaScript/First_steps/What_is_JavaScript), MDN Documentation

[JavaScript Data Types and Data Structures](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Data_structures), MDN Documentation

🔴 [The JavaScript Book](https://javascriptbook.com/) by Jon Duckett

Week 11 -- DOM Manipulation

[Introduction to the DOM](https://developer.mozilla.org/en-US/docs/Web/API/Document_Object_Model/Introduction), MDN Documentation

[Introduction to Events](https://developer.mozilla.org/en-US/docs/Learn/JavaScript/Building_blocks/Events), MDN Documentation

[Using the Document Object Model](https://developer.mozilla.org/en-US/docs/Web/API/Document_object_model/Using_the_Document_Object_Model), MDN Documentation

[Manipulating documents](https://developer.mozilla.org/en-US/docs/Learn/JavaScript/Client-side_web_APIs/Manipulating_documents), MDN Documentation

[How to Manipulate the DOM – the Ultimate Beginner’s Guide](https://www.freecodecamp.org/news/how-to-manipulate-the-dom-beginners-guide/), by [Chibuike Okere](https://www.freecodecamp.org/news/author/chibuike-okere/). January 2021. FreeCodeCamp.

The Basics of DOM Manipulation in Vanilla JavaScript by Sebastian Seitz. March 2017. SitePoint

[Intro to DOM](https://wdi-sg.github.io/gitbook-2019/02-js/browser-js/js-dom-manipulation.html) by General Assembly, Singapore. GitBook.

Week 12 -- Object Basics

[Object Basics](https://developer.mozilla.org/en-US/docs/Learn/JavaScript/Objects), MDN Documentation

Week 13 -- Sort, Filter and Search

[How to Build a Simple Search Bar with JavaScript](https://dev.to/am20dipi/how-to-build-a-simple-search-bar-in-javascript-4onf) by Adriana DiPietro. Nov 2021. Dev.to