

HTML Web Design

Jonah Edmundson

COURSE DETAILS

Instructor: *Jonah Edmundson*

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Email Support: *Business Hours, Mon - Fri*

COURSE DESCRIPTION

This course will teach you the basics of web design using HTML and CSS (Javascript is not discussed). Topics include basic elements, responsive design, and web design best practices. By the end of the course, you will have built your own personal website. Overall, the HTML Web Design course is a great introduction into the basics of both frontend and backend website development.

TEXTS, REQUIREMENTS & RESOURCES

No textbooks are required for this course.

Additional Resources:

- [Online HTML Validation Tool](#)
- [HTML Special and Reserved Characters](#)
- [HTML Practice Online](#)
- [Adobe Color Wheel](#)

EVALUATION & DUE DATES

If you have purchased this course as an online package, there are no evaluations or due dates. Do everything on your own time.

If you are taking this course synchronously, the course will run on a reverse classroom model. This means that you watch the video and begin the homework before the allotted lecture time. Then, during lecture, we will go over examples together and the floor will be open to any questions or issues that arose when attempting the homework. Homework should be handed in before midnight on Sundays. The final, live website will be due on the Sunday following the last lecture.

COURSE SCHEDULE

Lesson 1. *XML Notation & How the Internet Works*

Lesson 2. *Basic Elements & Document Setup*

Lesson 3. *Intermediate Elements*

Lesson 4. *CSS Basics*

Lesson 5. *Page Layout - Basic Positioning*

Lesson 6. *Page Layout - Flexbox*

Lesson 7. *Page Layout & Responsive Design*

Lesson 8. *Page Layout - Grid*

Lesson 9. *CSS Loose Ends*

Lesson 10. *CSS Animations*

Lesson 11. *Principles of Web Design*

Lesson 12. *GitHub Pages & Hosting your own Website*

COURSE OBJECTIVES

1.1 - The student understands the history of the internet. 1.2 - The student understands the history of HTML. 1.3 - The student understands how the internet works on a conceptual level.

2.1 - The student understands how to set up an HTML document. 2.2 - The student understands and can use basic HTML tags. 2.3 - The student understands how to organize content into HTML tags.

2.4 - The student understands how to format text using HTML tags.

3.1 - The student understands how to embed images. 3.2 - The student understands how to create HTML lists. 3.3 - The student understands how to create HTML tables.

4.1 - The student understands how to link a CSS stylesheet to an HTML document. 4.2 - The student understands the three different ways to use CSS. 4.3 - The student understands the concepts of selector, property and value. 4.4 - The student understands the box model.

5.1 - The student understands how to divide content into div tags. 5.2 - The student understands the basic positioning properties “float” and “position”. 5.3 - The student understands the different CSS units.

6.1 - The student understands how to position content using the basic flexbox properties.

7.1 - The student understands the basics of media queries. 7.2 - The student understands how to use media queries to optimize websites for mobile phone viewing.

8.1 - The student understands how to position content using the grid method.

9.1 - The student understands how to use ID selectors. 9.2 - The student understands how to use additional styling properties, including: links, rounded corners, gradients, shadow effects, custom fonts and dropdown menus.

10.1 - The student understands how to animate content using transforms, transitions and animations.

11.1 - The student understands the basic principles of web design, including layout, text, color, balance and visuals. 11.2 - The student understands and can design typical website sections include the hero section/landing page, about section and contact section. 11.3 - The student can identify and design websites in various modern styles.

12.1 - The student understands the similarities and differences between Git and GitHub. 12.2 - The student understands how to launch a website using GitHub Pages. 12.3 - The student understands how to configure a custom domain on GitHub Pages.

COURSE ACCESS

If you have purchased this course as an online package, the resources are now available to you as per the regulations of the vendor site.

If you are taking this course synchronously, course resources will be hosted on a Discord channel. Course work will also be handed in and returned to students via Discord. Classes and discussions will be hosted in a Discord video call; recordings can be made available upon special request (notice required in advance). Class resources hosted on Discord will be archived two weeks after the course end date, so please download any important files beforehand.

ONLINE ETIQUETTE

The following guidelines apply if you are taking the course synchronously:

- Mute your microphone when you aren't speaking.
- Be mindful of background noise and distractions around you, as much as possible.
- Adjust your camera and lighting so we can see your face well.
- All comments and discussions should be respectful of the instructor and fellow students; disagreements are fine, but personal attacks are not.
- Be considerate in not talking over people, and give everyone a chance to speak.