

Intro to Web Development

Project enVision U.S. Learn • Spring 2021

Course Description

This course will go over the basics of web design with HTML/CSS/Javascript. There will be 6 classes, 1 per week. Classes will be an hour long and will be held online via Zoom.

Course Objectives

Teach students the fundamentals of HTML web design and how to create unique web apps.
Design a project utilizing Javascript/HTML/CSS with maximum efficiency.

Materials Needed

The only materials needed will be a laptop running on Mac, Windows or Linux.

We will be using repl.it to teach this class.

Other Information

This course does not have any prerequisites.

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Reach out to us for any questions • neha.ashwin@envisionnew.org • saurish@envisionnew.org

Week 1

Feb 15

- An introduction to Syllabus
- Class materials review
- Download Eclipse editor
- Go over HTML elements, page structures, documents

Week 2

Feb 22

- Headings, formatting, and paragraphs
- Tables, lists, images, links
- HTML layouts

Week 3

March 1

- Intro to CSS
- CSS definitions and meanings
- Colors, backgrounds, margins, fonts

Extra Notes: Encourage students to take notes

Week 4

March 8

- CSS tables, lists
- Navigation bar
- Website layout

Extra Notes: Encourage students to make programs on their own first.

Week 5

March 15

- JS introduction
- JS outputs, statements, syntax, comments
- Variables, operators, arithmetic operators

Week 6

March 22

- Data types, functions
- Events, strings, numbers
- Loops, breaks

Week 7

March 29

- Introduce end of course project
- Review concepts required in end of course project

Week 8

April 5

- Finish end of course project
- End classes by talking about importance and uses of coding