
title: "Coding From Scratch"

courseld: "CFSG105"

curriculum:

- "Web / Full Stack / Software Development"
- type: syllabus

draft: false

Day 1

1. Thinking Like a Programmer

- Basic Problem Solving
- Puzzle Solving, looking for possible solutions
- Breaking down a Problem
- Listing Instructions
- Deconstructing word problems

2. HTML Part 1

- HTML 5
- Tags & Elements
- Document Structure
- Tags and Their Attributes

Day 2

3. HTML Part 2

- Semantic Tags (Header, Body, Footer)
- Outlining a Doc with Tags
- Nav, Table Elements
- Forms and Input Elements
- Submitting The Form

4. CSS Part 1

- What is CSS
- CSS Syntax
- Basic Properties and Values
- Selectors
- Pseudo-classes

*** CSS File w/ tag**

Day 3

5. CSS Part 2

- Expanding on Properties
- Styling Text
- CSS Border
- Displaying Content
- CSS Box Model
- Margin v Padding
- Placing Content / Layout

6. JavaScript Part 1

- JavaScript's role in Webpages
- JavaScript vs Java
- Script Tags & Linking *.js files
- Types
- Variables
- Conditional if else statements
- Comparison Operators

*** https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators/Comparison_Operators)**

Day 4

7. JavaScript Part 2

- Arrays

- Array Properties and Methods
- Loops!
- For Loops.
- Looping Through Array

8. JavaScript Part 3

- Functions. Structor and Syntax
 - Calling or Invoking a Function
 - Scope, Global / Local
 - Document Object Model (DOM)
 - Retrieving DOM Elements
 - Manipulating DOM Elments
 - HTML Event Handling
-

Day 5

9. The Terminal & Source Control

- Command Line Interface (CLI)
- Commands parameters / Paths
- Showing files and changing directories
- Source Control Git
- Commits, Repos, Github, Branches
- Local v Remote Repos

10. Final Project CFS

- Coding From Scratch, you will be building a form, use the data inputted in the form to create a basic ID card.
-