

Introduction to HTML5



What This Course Will Cover

- The BASICS
 - Syntax and Semantics
 - Accessibility
 - Getting Started
 - Right down to How to Create a File



Week One / ! how the web works?

why it's important for me
to be able to interact with
people and with code
that's being used to create
my website

What happens when you type an

- Focus is on questions:
 - address into a URL?
 - What types of tools you need to code (editors and browsers)?
 - What is HTML5?



Week Two

- A Little bit of theory and a lot of code
 - · The DOM (Document Object Model)
 - Contextual tags and headings
 - Links, Images, and Lists
 - Tables
 - Multimedia



Week Three

- Putting it Together
 - Validating Your Code
 - Syntax
 - Accessibility
 - Domain name registration and web hosting



Final Project

- Create a syntactically valid website
- Must pass W3C validation
- Must pass WAVE accessibility review



Who is this class for?

- This class is for the complete beginner
- This class is for those who did NOT build a computer in their basement when they were 12 years old
- This class is for people with persistence



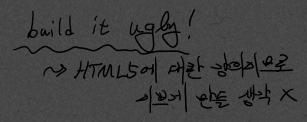
Who Am I?

- PhD in Computer Science
- Two decades of teaching experience
- Emphasis on education
- Famous for running around classrooms while helping students debug



Workload and Evaluation

- Weekly videos
 - Lecture format watch anywhere
 - Demo format best watched while you type along
- Weekly readings
 - Free online textbook
 - Other online articles
- Weekly assessments
 - Quizzes
- Final project
 - Warning it will be ugly!





Succeeding in This Class

- Create a community
 - In a perfect world you would code with a friend...so use the message boards.
- Work Smart!!
 - Never spend more than 20 minutes on a problem
- Look things up on your own!
- Practice, practice!



Review

- This class is for beginners
- You will leave with the ability to write and understand HTML5 code – not as a web developer
- You will understand the importance of accessibility in technology



Acknowledgements/Contributions

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