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

- **Focus is on questions:**
  - **What happens when you type an 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**
  - **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**

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, 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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