



COURSE OUTLINE

Course information

- Welcome to the "HTML5 & CSS Fundamentals" course
- Course outline, grading and due dates
- Course practical information
- Course tools

About W3C and the Web

- About W3C and the Web
- Why accessibility is important
- Why internationalization is important

Module 1: My first Web page

- 1.1 Introduction to Module 1
- 1.2 The big three: HTML5, CSS and JavaScript
- 1.3 Elements, tags and attributes
- 1.4 Character encoding
- 1.5 Best practices
- 1.6 More on tags
- 1.7 Exercises - Module 1

Module 2: Attributes, images and links

- 2.1 Introduction to Module 2
- 2.2 Attributes
- 2.3 Semantic meaning
- 2.4 Images
- 2.5 Hyperlinks
- 2.6 Exercises - Module 2

Module 3: Adding style with CSS

- 3.1 Introduction to Module 3
- 3.2 CSS basic syntax
- 3.3 CSS properties
- 3.4 Lists and selectors
- 3.5 Exercises - Module 3

Module 4: Fixing and debugging

- 4.1 Introduction to Module 4
- 4.2 Debugging tools and HTML5
- 4.3 Debugging and the CSS box model
- 4.4 Debugging CSS precedence
- 4.5 Exercises - Module 4

Module 5: More HTML and CSS

- 5.1 Introduction to Module 5
- 5.2 Tables
- 5.3 Multimedia
- 5.4 Embedding content (OPTIONAL)
- 5.5 CSS tricks
- 5.6 Exercises - Module 5

Module 6: Basics of page layout

- 6.1 Introduction to Module 6
- 6.2 Concepts
- 6.3 CSS Flexbox
- 6.4 More flexbox (OPTIONAL)
- 6.5 CSS Grid (OPTIONAL)
- 6.6 Recipe project
- 6.7 Where to from here?
- 6.8 Final exam
- 6.9 Feedback, please!



LENGTH: 6 weeks



EFFORT: 4-6 hours per week



LEVEL: Introductory



INSTITUTION: W3Cx