

Student introduction Discussion Course **Progress** HTML5 and CSS Fundamentals Resume Course Welcome to HTML5 and CSS Fundamentals Not sure yet To start, set a course goal by selecting the option below that best describes your learning plan. Earn a certificate Complete the course Explore the course **Expand All** Module 0: Course information Welcome to the "HTML5 & CSS Fundamentals" course Welcome! Introduce yourself Welcome survey Course outline, grading and due dates Course outline Grading policy Due dates

		Verified certificate	$\bigcirc$
		FEWD certificate	
	~	Course practical information	
		Getting around the course	@
		Course forums	<b>Q</b>
		Forum guidelines and best practices	
		A bug to report	<b>Q</b>
	~	Course tools	
		Web browsers	<b>Q</b>
		Web editors	
		Online editors	
		W3C validators	
		W3C cheatsheet	0
~	Ab	out W3C and the Web	
	~	About W3C and the Web	
		What is W3C?	Q
		The Web is amazing!	
		Quizzes	
	~	Why accessibility is important	
		What is Web accessibility?	
		First steps in Web accessibility	
		Discussion	
	~	Why internationalization is important	
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		Wiles to the secretary Program 2			
		What is internationalization?			
		First steps in Web internationalization			
		Discussion			
<b>~</b>	Мо	odule 1: My first Web page			
	<b>~</b>	1.1 Introduction to Module 1			
		Welcome to Module 1			
		Module 1 - Content	(		
	<b>~</b>	1.2 The big three: HTML5, CSS and JavaScript			
		Vague but exciting!	(		
		HTML5, CSS and JS			
		Hypertext			
		The browser			
		Activity - Explore the Web and discussion	(		
	<b>~</b>	1.3 Elements, tags and attributes			
		Putting the "M" in HTML			
		Programming "Hello HTML"			
		Elements			
		Tags			
		Comments			
		Attributes			
		All together now			
		Putting it all together			
		Activity - View source and discussion			

1.4 Character encoding Character encoding The meta tag HTML character references Character references for other characters 1.5 Best practices The wisdom Do's and dont's White space and capitalization Activity - Best practices and discussion 1.6 More on tags Tags we have already used A few new tags to learn More HTML5 Activity - your first Web page and discussion Recipe project - Module 1 and discussion 1.7 Exercises - Module 1 Exercises Exercises - Module 1 HTML5 and the Web (1-5) HTML5 tags (6-19) Coding (20-29) Module 2: Attributes, images and links

2.1 Introduction to Module 2 Welcome to Module 2 Meaningful Web pages Module 2 - Content 2.2 Attributes Introduction to attributes Global & non-global attributes Global attributes: examples Global attributes Activities - Attributes and discussion 2.3 Semantic meaning Separating content & style Introduction to semantic elements New HTML5 semantic elements Differentiating semantic elements <article> and <section> elements <div> and <span> elements Activities - Semantic meaning and discussion 2.4 Images Introduction to images Attribute: alt Attributes: title, height & width Decorative images

Using <img> tags

Activities - Images and discussion

2.5 Hyperlinks

Introduction to hyperlinks

Attributes: href and target

Attributes: media and download

Use of hyperlink attributes

Activities - Hyperlinks and discussion

Recipe project - Module 2 and discussion

2.6 Exercises - Module 2

Exercises

Exercises - Module 2

Attributes (1-9)

Semantic elements (10-16)

Images (17-24)

Hyperlinks (25-28)

- Module 3: Adding style with CSS
  - 3.1 Introduction to Module 3

Welcome to Module 3

Module 3 - Content

The CSS language

The W3C CSS WG

An example

~	3.2 CSS basic syntax				
	Style and link tags				
	Selectors and declarations				
	Comments				
	Knowledge checks				
	Activity - use CSS				
	CSS rules				
~	3.3 CSS properties				
	Common CSS properties				
	Margin and color				
	Units				
	Accessible typography				
	Knowledge checks				
	Activity - Units and discussion				
~	3.4 Lists and selectors				
	Styling lists				
	Selectors				
	Combining selectors				
	Cascading: inheritance and precedence				
	Knowledge checks				
	Activity - Lists				
	Activity - CSS selectors				
	Recipe project - Module 3 and discussion				

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3.5 Exercises - Module 3

Exercises

Exercises - Module 3

CSS rules (1-7)

CSS selectors (8-11)

CSS properties (12-15)

- Module 4: Fixing and debugging
  - 4.1 Introduction to Module 4

Welcome to Module 4

Module 4 - Content

4.2 Debugging tools and HTML5

**Tools** 

Identifying HTML5 elements

Modifying HTML5 elements

Knowledge checks

Activity - Debugger and discussion

4.3 Debugging and the CSS box model

CSS box model

Debugging with the box model

Box model

Knowledge checks

Activity - Birds and discussion

Activity - Rectangles and discussion

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	~	4.4 Debugging CSS precedence
		CSS precedence
		Debugging CSS precedence
		Cloud images
		Shrinking text
		Recipe project - Module 4 and discussion
		Recipe Project - Module 4
	<b>~</b>	4.5 Exercises - Module 4 Exercises
		Exercises - Module 4
		CSS box model (1-14)
		CSS precedence (15-17)
		Debugging (18-25)
<b>~</b>	Мо	dule 5: More HTML and CSS
	<b>~</b>	5.1 Introduction to Module 5
		Welcome to Module 5
		Module 5 - Content
		A world of possibilities
	~	5.2 Tables
		Introduction to tables
		The tr, th, td, colgroup, col tags
		The thead, thody and thoot tags

	Styling your table (continued)
	Create a table
	Activities - Tables and discussion
~	5.3 Multimedia
	Audio element
	Video element
	Video - Source/Track elements
	Audio and video elements
	Activities - Multimedia and discussion
~	5.4 Embedding content (OPTIONAL)
	The iframes tag (OPTIONAL)
	The ismap and usemap attributes (OPTIONAL)
	Activities - Embedding content and discussion (OPTIONAL)
~	5.5 CSS tricks
	Decorative images and backgrounds
	Decorative borders and shadows
	Managing element size
	Knowledge checks
	Pseudo classes and cursor (OPTIONAL)
	CSS best practices (OPTIONAL)
	Recipe project - Module 5 and discussion
	Recipe project - Module 5

Course | HTML5.0x | edX 5.6 Exercises - Module 5 Exercises Exercises - Module 5 Tables exercises (1-12) Multimedia exercises (13-20) CSS exercises (21-25) Module 6: Basics of page layout 6.1 Introduction to Module 6 Welcome to Module 6 Module 6 - Content History of layout 6.2 Concepts Text baseline and the display property Horizontal centering Key concept: position property Knowledge checks Positioning (OPTIONAL) 'z-index' (OPTIONAL) Activity - Block vs. inline and discussion Activity - Cornerpiece and discussion 6.3 CSS Flexbox Sizing and dimensions

Flexbox

	Flexbox advice and best practices
	Knowledge checks (1-8)
	Knowledge checks (9-13)
	Activity - Basic flexbox and discussion
	Basic flexbox
	Activity - Holy grail with flexbox and discussion
	Activity - Flex columns and discussion
<b>~</b>	6.4 More flexbox (OPTIONAL)
	Main and cross axes (OPTIONAL)
	Justification and alignment (OPTIONAL)
	Order (OPTIONAL)
<b>~</b>	6.5 New layout technique: CSS Grid (OPTIONAL)
	CSS Grid
	New layout techniques
<b>~</b>	6.6 Recipe project
	Recipe project - Module 6 and discussion
	Recipe project - Module 6
<b>~</b>	6.7 Where to from here?
	Where to from here?
	WAI resources
	Internationalization and CSS: use cases
	Internationalization resources

6.8 Final exam

Final Exam

Final exam

Final exam (1-7)

Final exam (8-16)

Final exam (17-24)

Final exam (25-35)

Final exam (36-43)

Final exam (44-52)

> 6.9 Feedback, please!

Goal: Explore the course

## **Course Tools**

- Bookmarks
- Updates
- Upgrade to Verified

## Pursue a verified certificate



Upgrade (\$99)

Learn More

## **Important Course Dates**

Today is Oct 28, 2018 19:55 IST

**Upgrade to Verified Certificate**