

Introduction to HTML5 on Coursera

Week 1

[Video: 01.01 - Welcome to Introduction to HTML5](#)

[Video: 01.02 - The Evolution of HTML](#)

[@1:34](#)

[Video: 01.03 - How it Works: The "Magic" of Page Requests](#)

[@9:16](#)

[@9:47](#)

[@11:20](#)

[Video: 01.04 - Looking at Your Browser Options](#)

[@3:00](#)

[Video: 01.05 - Editors: How to use an editor to create an HTML file](#)

[@2:15](#)

[@3:45](#)

[@5:20](#)

[@6:38](#)

[@8:30](#)

[@10:28](#)

[@12:32](#)

[@13:15](#)

Week 2

[Video: 02.01 - The Document Object Model \[DOM\]](#)

[@4:11](#)

[@6:30](#)

[@7:20](#)

[Video: 02.02 - HTML5 Tags and Syntax](#)

[@0:47](#)

[@8:27](#)

[Video: 02.03 - Semantic Tags](#)

[@1:45](#)

[@2:45](#)

[@3:30](#)

[@4:12](#)

[Video: 02.04 - Template Page](#)

[@1:25](#)

[Video: 02.05 - Images](#)

[@3:09](#)

[@3:25](#)

[@3:49](#)

[@4:04](#)

[@6:11](#)

[Video: 02.06 - Hyperlinks](#)

[@0:40](#)

[@1:39](#)

[@2:01](#)

[@2:24](#)

[@2:36](#)

[@4:11](#)

[@4:29](#)

[@6:40](#)

[@6:47](#)

[@6:52](#)

[Video: 02.07 - Multimedia](#)

[@3:17](#)

[@3:48](#)

[@4:22](#)

[@4:44](#)

[@5:23](#)

[Video: 02.08 - Tables](#)

[@2:42](#)

[@4:14](#)

[@5:08](#)

[Video: 02.09 - Useful Tags](#)

[@8:20](#)

[@9:22](#)

[@10:01](#)

[Week 3](#)

[Video: 03.01 - Accessibility](#)

[Video: 03.02 - Validating Your Site](#)

[@1:27](#)

[Video: 03.03 - Hosting Your Site](#)

[Video: 03.04 - cPanel](#)

[@2:07](#)

[@2:58](#)

[@4:49](#)

[@5:57](#)

[Video: 03.05 - Using Secure File Transfer Protocol](#)

[Video: 03.06 - Final Project Demo](#)

[Video: 03.07 - Closing](#)

Week 1

Video: 01.01 - Welcome to Introduction to HTML5

n/a

Video: 01.02 - The Evolution of HTML

@1:34

<h1>This is an important heading!!</h1>

<h2>This is a less important heading</h2>

<p>Hi There. I am going to include a link to the course page<p>

<a href = "<http://www.intro-webdesign.com>">Learn Accessible Web Design!!

Video: 01.03 - How it Works: The “Magic” of Page Requests

@9:16

“This should be displayed by the browser.”

@9:47

<https://collemc.people.si.umich.edu/Java.php>

@11:20

Original	Country	Generic
.org	.au	.airforce
.net	.br	.biz
.int	.de	.community
.edu	.ie	.jobs
.gov	.uk	.travel
.arpa	.us	.wiki

Video: 01.04 - Looking at Your Browser Options

@3:00

Worldwide Desktop Browser Market Share By Version - October 2014

www.netmarketshare.com

Chrome	IE11	IE8	Firefox	IE9	IE10	Safari	Other
21.25%	24.05%	17.31%	13.91%	8.68%	6.09%	5.10%	3.61%

Video: 01.05 - Editors: How to use an editor to create an HTML file

@2:15

File>Save>firstPage.html

Create a folder

```
1 <!DOCTYPE html>
2 <html lang = "en">
3 <head>
4 <meta charset = "UTF-8">
5 <title>My First Page</title>
6 </head>
7 <body>
8     <h1> Hello World</h1>
9 </body>
10 </html>
```

@3:45

opens "WebPages" folder on desktop, clicks on firstPage.html file

@5:20

```
1 <!DOCTYPE html>
2 <html lang = "en">
3 <head>
4 <meta charset = "UTF-8">
5 <title>My First Page</title>
6 </head>
7 <body>
8     <h1> Hello Everybody</h1>
9 </body>
10 </html>
```

@6:38

```
1 <!DOCTYPE html>
2 <html lang = "en">
3 <head>
4 <meta charset = "UTF-8">
5 <title>My First Page</title>
6 </head>
7 <body>
8     <h1> Hello Everybody again</h1>
9 </body>
10 </html>
```

@8:30

```
<!DOCTYPE html>
<html lang = "en">
<head>
    <meta charset = "UTF-8">
    <title>My First Page</title>
</head>
<body>
    <h1>Hi There</h1>
</body>
</html>
```

Save As>firstPage

Choose file format: Web Page (.html)

Save in: WebPages folder

Opens file, website does not display but code does display

@10:28

TextEdit>Preferences>New Document

Check: Plain Text

Open and Save

Check: Display HTML files as HTML code instead of formatted text

Check: Add ".txt" extension to plain text files

Saving files: Unicode (UTF-8)

File>New

```
<!DOCTYPE html>
```

```
<html lang = "en">
```

```
<head>
    <meta charset = "UTF-8">
    <title>My First Page</title>
</head>
<body>
    <h1>Hi There</h1>
</body>
</html>
```

File>Save>firstPage2.html
Open page from folder

@12:32

```
<!DOCTYPE html>
<html lang = "en">
<head>
    <meta charset = "UTF-8">
    <title>My First Page</title>
</head>
<body>
    <h1>Hi There WE did it!</h1>
</body>
</html>
```

@13:15

Notepad>File>Save>firstPage.html
Save as type: All Files

```
<!DOCTYPE html>
<html lang = "en">
<head>
    <meta charset = "UTF-8">
    <title>My First Page</title>
</head>
<body>
    <h1>Hi There</h1>
</body>
</html>
```

Open firstPage.html file in folder

```
<!DOCTYPE html>
<html lang = "en">
```

```
<head>
  <meta charset = "UTF-8">
  <title>My First Page</title>
</head>
<body>
  <h1>Hi There</h1>
  <p> Good job. I have a file!!</p>
</body>
</html>
```

Week 2

Video: 02.01 - The Document Object Model [DOM]

@4:11

Example: template.html

```
<!DOCTYPE html>
<html lang = "en">
<head>
    <meta charset = "UTF-8">
    <title>My First Page</title>
</head>
<body>
    This should be displayed by the browser.
</body>
</html>
```

@6:30

<https://validator.w3.org/>

@7:20

```
<!DOCTYPE html>
<html>
<head>
<title>Badly formed page!!</title>
</head>
<body>
    <p> Hi Everyone</r>
</body>
</html>
```

Fixed p tag:

```
<!DOCTYPE html>
<html>
<head>
<title>Badly formed page!!</title>
</head>
<body>
    <p> Hi Everyone</p>
</body>
</html>
```


Video: 02.02 - HTML5 Tags and Syntax

@0:47

```
<h1>Hello World</h1>
```

<h1> is the start tag, </h1> is the Closing tag

```

```

 is a self-closing tag

@8:27

```
 is extra formatting (height, width, position, etc.)
```

Video: 02.03 - Semantic Tags

@1:45

```
<header>
```

```
    <h1>This is the Title</h1>
```

```
    <h2>The author is Colleen</h2>
```

```
</header>
```

@2:45

```
<nav>
```

```
    <ul>
```

```
        <li><a href="#overview">Overview</a></li>
```

```
        <li><a href="#history">History</a></li>
```

```
        <li><a href="#development">Development</a></li>
```

```
    </ul>
```

```
</nav>
```

@3:30

```
<footer>
```

```
    &copy; 2015 by Colleen van Lent<br>
```

```
    <a href="http://www.intro-webdesign.com/HTML5">Introduction to HTML5</a>
```

```
</footer>
```

@4:12

```
<figure>
  
  <figcaption> A sunset over Lake Erie. Taken in Ashtabula Ohio</figcaption>
</figure>
```

Video: 02.04 - Template Page

@1:25

(Save as> index.html)

```
<!DOCTYPE html>
<head>
  <meta charset="UTF-8">
  <title>My First Page</title>
</head>
<body>
  <main><p> THIS IS MY MAIN CODE</main>
  <footer>
    <p>Think of a more interesting footer</p>
  </footer>
</body>
</html>
```

The address I use to validate my code is at <https://validator.w3.org/>.

```
<!DOCTYPE html>
<head>
  <meta charset="UTF-8">
  <title>My First Page</title>
</head>
<body>
  <main><p> THIS IS MY MAIN CODE</main>
  <footer>
    <p>Think of a more interesting footer</p>
  </footer>
</body>
</html>
```

Video: 02.05 - Images

@3:09

```
<figure>
  <img src = "imgs/Ashtabula.jpg"
    alt = "My house">
  <figcaption>Default image size</figcaption>
</figure>
```

@3:25

```
<figure>
  <img src = "imgs/Ashtabula.jpg"
    width = "500px" alt = "My house">
  <figcaption>Set image size</figcaption>
</figure>
```

@3:49

```
<figure>
  <img src = "imgs/Ashtabula.jpg"
    width = "500px" height = "100px">
    Alt = "My house">
  <figcaption>Skewed image size</figcaption>
</figure>
```

@4:04

```
<figure>
  <img src = "imgs/Ashtabula.jpg"
    width = "50%" alt = "My house">
  <figcaption>Relative image size</figcaption>
</figure>
```

@6:11

```
<head>
<link rel="icon" type="image/png" href="imgs/wd43logo.png" />
```

Video: 02.06 - Hyperlinks

@0:40

```
<a href="http://www.umich.edu">University of Michigan</a>
```

@1:39

```
<a href="http://www.intro-webdesign.com/">Web Design</a>
```

@2:01

```
<a href="page2.html">Second Page</a>
```

@2:24

```
<a href="docs/page2.html">Second Page</a>
```

@2:36

```
<a href="#history">History section</a>
```

@4:11

```
<a href="http://www.redcross.org">  
    </a>
```

@4:29

```
<a href="http://www.redcross.org">  
      
</a>
```

@6:40

```
<div id="relative">  
    <h2>Relative References</h2>
```

@6:47

```
<div id="embedded">  
    <h2>Embedded Links</h2>
```

@6:52

```
<div id = "absolute">  
  <h2>Absolute References</h2>
```

Video: 02.07 - Multimedia

@3:17

```
<h1>Video</h1>  
<video src = "BoxCar.MOV" width = "400">  
  Your browser does not support the <code>video</code>  
  element.  
</video>  
<br>
```

@3:48

```
<h1>Video</h1>  
<video src = "BoxCar.MOV" width = "400" autoplay>  
  Your browser does not support the <code>video</code>  
  element.  
</video>  
<br>
```

@4:22

```
<h1>Video</h1>  
<video src = "BoxCar.MOV" width = "400" controls>  
  Your browser does not support the <code>video</code>  
  element.  
</video>  
<br>
```

@4:44

```
<h1>Video</h1>  
<video src = "BoxCar.MOV" width = "400" controls loop>  
  Your browser does not support the <code>video</code>  
  element.  
</video>  
<br>
```

@5:23

<h1>Audio</h1>

```
<audio src = "https://upload.wikimedia.
org/wikipedia/commons/0/04/Pyotr_Ilyich_Tchaikovsky_-
_1812_overture.ogg" controls>
    Pyotr Ilyich Tchaikovsky - 1812 overture
</audio>
<br>
```

```
<audio src = "https://upload .wikimedia.
org/wikipedia/commons/0/04/Pyotr_Ilyich_Tchaikovsky_-
_1812_overture.ogg#t=15:35" controls>
    Pyotr Ilyich Tchaikovsky - 1812 overture, but set
    to start at the exciting part!</audio>
```

Video: 02.08 - Tables

@2:42

```
<table>
    <tr><td>One</td><td>Two</td><td>Three</td></tr>
    <tr><td>Four</td><td>Five</td><td>Six</td></tr>
    <tr><td>Seven</td><td>Eight</td><td>Nine</td></tr>
</table>
```

@4:14

```
<table>
    <tr><th>Row One</th><th>Row Two</th><th>Row Three</th></tr>
    <tr><td>One</td><td>Two</td><td>Three</td></tr>
    <tr><td>Four</td><td>Five</td><td>Six</td></tr>
    <tr><td>Seven</td><td>Eight</td><td>Nine</td></tr>
</table>
```

@5:08

```
<table border = "1">
  <tr>
    <th>Child's Name: </th><th>Parent's Name: </th>
  </tr>
  <tr>
    <td rowspan="2">Catherine</td><td>Michael McCarthy</td></tr>
  <tr>
    <td>Colleen McCarthy</td>
  </tr>
  <tr>
    <td>Maggie</td> <td>Sheila McGee</td>
  </tr>
  <tr>
    <td rowspan="2">Edward</td><td>Catherine Howard</td>
  </tr>
  <tr>
    <td>Jeff Howard</td>
  </tr>
</table>
```

Video: 02.09 - Useful Tags

@8:20

```
<hr>
<p>The meter tag is cool and can take a lot of attributes.
But again it is better if you have some code that can make
the attribute values dynamic instead of "hardcoding" them.
When you think meter, think of a final score for a test.</p>
<meter min="0" max="100" value="50">50%</meter><br>
<meter min="0" max="1" value=".25">25%</meter><br>
<meter min="5" max="10" value="8">60%</meter><br>
<hr>
```

@9:22

```
<hr>
<h2>iframe</h2>
<p>The iframe is used to nest content. It is not supported
equally well by all browsers. You will want to explore setting many of the different options such
as height and width. </p>
<iframe src="http://www.intro-webdesign.com">
</iframe><br />
```

@10:01

```
<h2>bdo</h2>
```

```
<p>bdo stands for bidirectional override. This tag can be  
used to change the direction of the text. </p>
```

```
<p>This text will go left to right.</p>
```

```
<p><bdo dir="rtl">This text will go right to left.<bdo></p></body>
```

```
</body>
```

```
</html>
```


Week 3

Video: 03.01 - Accessibility

n/a

Video: 03.02 - Validating Your Site

@1:27

<https://validator.w3.org/>

Video: 03.03 - Hosting Your Site

n/a

Video: 03.04 - cPanel

@2:07

<!--Intentional typo in first image -->

<figure>

<img src = "imgs/bacon.JPG"

Alt = "My dog">

<figcaption>Default image size</figcaption>

</figure>

<figure>

<img src = "imgs/bacon.jpg"

width = "500px" alt = "My dog">

<figcaption>Set image size</figcaption>

</figure>

URL

www.intro-webdesign.com/cpanel

@2:58

File Manager>Web Root (public_html/www)>Go

Upload>Choose File> imgs-short.html

Open new browser tab> intro-webdesign.com/imgs-short.html

@4:49

<!--Intentional typo in first image -->

```
<figure>
  <img src = "imgs/bacon.JPG"
    Alt = "My dog">
  <figcaption>Default image size</figcaption>
</figure>
```

```
<figure>
  <img src = "imgs/bacon.jpg"
    width = "500px" alt = "My dog">
  <figcaption>Set image size</figcaption>
</figure>
```

@5:57

JPG should be lowercase jpg, not uppercase

```
<figure>
  <img src = "imgs/bacon.jpg"
    Alt = "My dog">
  <figcaption>Default image size</figcaption>
</figure>
```

```
<figure>
  <img src = "imgs/bacon.jpg"
    width = "500px" alt = "My dog">
  <figcaption>Set image size</figcaption>
</figure>
```

Video: 03.05 - Using Secure File Transfer Protocol

n/a

Video: 03.06 - Final Project Demo

n/a

Video: 03.07 - Closing

n/a