Course reference links

00_03 How to use the exercise files

- CodePen HTML Essential Training collection:
https://codepen.io/collection/rxErBg?grid_type=list

01_01 Languages of the web

- CERN: The birth of the Web https://home.cern/science/computing/birth-web

- The first website: http://info.cern.ch/hypertext/WWW/TheProject.html
(Note: This website goes down intermittently)

01_02 Anatomy of a website

- URL structure best practices for Google:
https://developers.google.com/search/docs/crawling-indexing/url-structure?
hl=en&visit_id=638746670108555425-1269164115&rd=1

- MDN - Dealing with files:
https://developer.mozilla.org/en-US/docs/Learn_web_development/Getting_
started/Environment_setup/Dealing_with_files

01_03 The rules of the web

- World Wide Web Consortium (W3C) https://www.w3.org

- Web Hypertext Application Technology Working Group (WHATWG)
https://html.spec.whatwg.org

- CanIUse - browser support search tool: http://caniuse.com

- W3C Markup Validation Service: https://validator.w3.org

- Mozilla Developer Network (MDN) Web Docs: https://developer.mozilla.org

01_04 Terminology and syntax

- LiL Monsters website example: https://raybo.org/parallax

01_05 Exercise: The development environment

- Online text editors:

  - https://codepen.io

  - https://glitch.com

  - https://jsfiddle.net

- Text editors:
  - https://code.visualstudio.com
  - https://www.sublimetext.com
  - https://notepad-plus-plus.org

02_01 Paragraphs and headings

- CodePen demo: https://codepen.io/christinatruong/pen/vYqoRZY

02_02 Ordered, unordered and description lists

- CodePen demo: https://codepen.io/christinatruong/pen/qBeEYRg

02_03 Quotations

- CodePen demo: https://codepen.io/christinatruong/pen/abeNxBm

02_04 Exercise: Formatting text, pt 1

- CodePen demo: https://codepen.io/christinatruong/pen/OJKMjaJ

02_05 Date and time

- MDN - The (Date) Time element:
  https://developer.mozilla.org/en-US/docs/Web/HTML/Element/time

02_06 Bold and italics

- CodePen demo: https://codepen.io/christinatruong/pen/MWNbzNG

02_07 Character entity reference

- HTML Arrows: https://www.toptal.com/designers/htmlarrows
- CodePen demo: https://codepen.io/christinatruong/pen/dyxOaLK

02_08 Exercise: Formatting text, pt 2

- CodePen demo: https://codepen.io/christinatruong/pen/OJKMjaJ (same as 02_04)
- HTML Arrows: https://www.toptal.com/designers/htmlarrows (same as 02_07)

02_09 Code and line breaks

- CodePen demo: https://codepen.io/christinatruong/pen/Jjgbzpe

02_11 Challenge: Write text-based HTML markup

- Placeholder text generators:

- https://www.lipsum.com

- meettheipsums.com

03_01 The Basic HTML Document

- Language codes: https://quickref.me/iso-639-1.html

- MDN - The <meta> element
https://developer.mozilla.org/en-US/docs/Learn/HTML/Introduction_to_HTML/The_head_metadata_in_HTML#metadata_the_meta_element

03_02 Structuring content, pt 1

- CodePen demo: https://codepen.io/christinatruong/pen/yLmQPNK

03_03 Structuring content, pt 2

- CodePen demo: https://codepen.io/christinatruong/pen/RwXYxdm

03_05 HTML tables and

03_06 Exercise: Create an HTML table

- CodePen demo: https://codepen.io/christinatruong/pen/LYwyEMw

- MDN: The <table> element:
https://developer.mozilla.org/en-US/docs/Web/HTML/Element/table

04_03 Types of links

- CodePen demo: https://codepen.io/christinatruong/pen/xxveZpN

04_04 Navigation

- CodePen demo: https://codepen.io/christinatruong/pen/yLmWMEv

05_01 Image formats

- CodePen demo: https://codepen.io/christinatruong/pen/wBwRPJx

- MDN: SVG Element Reference:
https://developer.mozilla.org/en-US/docs/Web/SVG/Element

- Adobe Illustrator: https://www.adobe.com/ca/products/illustrator.html

- Affinity Designer: https://affinity.serif.com/en-us/designer

05_02 Embedding images

- Placeholder image services:

  - https://picsum.photos

  - https://placehold.co

- Stock photography: [Adobe Stock](#), [Unsplash](#), [Canva](#), [iStock](#)

- WebAIM: Alternative Text: https://webaim.org/techniques/alttext

05_04 Optimizing images

- Image editing tools:

    – https://www.adobe.com/products/photoshop.html

    – https://affinity.serif.com/en-us/photo

    – https://www.gimp.org

    – https://pixlr.com

05_05 Developer tools and resizing images

- Image resizing tools and resources

    – https://wordpress.com/plugins?s=resize+images

    – https://extensions.joomla.org/instant-search/?jed_live[query]=
      image%20resizer

    – https://support.squarespace.com/hc/en-us/articles/206566727-
      Adding-and-resizing-images

06_01 Video

- https://developer.mozilla.org/en-US/docs/Web/HTML/Element/video#attributes

06_02 Adding captions and subtitles

- Extra resources:

    – MDN - Text Tracks WebVTT: https://developer.mozilla.org/en-US/docs/Web/
      API/WebVTT_API/Web_Video_Text_Tracks_Format

    – MDN - Displaying video text tracks: https://developer.mozilla.org/en-US/docs/
      Learn_web_development/Core/Structuring_content/HTML_video_and_
      audio#displaying_video_text_tracks

    – MDN - Adding subtitles and other timed text tracks:
      https://developer.mozilla.org/en-US/docs/Web/HTML/Element/video#adding_
      subtitles_and_other_timed_text_tracks

    – MDN - How do you set up a local testing server?

    – https://developer.mozilla.org/en-US/docs/Learn_web_development/Howto/
      Tools_and_setup/set_up_a_local_testing_server

06_04 Embedding media with iframes

- VS Code text editor - YouTube example - https://www.youtube.com/watch?v=Dd1ZJiCveGY&list=PLNqwA2bOpyyJ8Dct1VLHPkjKuy03EvsZD&index=7

- MDN - The <iframe> Element: https://developer.mozilla.org/en-US/docs/Web/HTML/Element/iframe

- https://www.google.com/maps

07_01 What are web forms?

- Online form builders:

  - https://www.typeform.com/templates/t/online-signup-form-template

  - https://www.google.com/forms/about

07_02 HTML form basics

- Extra resources:

  - Get vs Post

  - https://developer.mozilla.org/en-US/docs/Learn_web_development/Extensions/Forms/Sending_and_retrieving_form_data

07_04 Form validation

- MDN - Regular expression: https://developer.mozilla.org/en-US/docs/Glossary/Regular_expression

07_05 Checkbox and radio inputs

- MDN - The <input> element: https://developer.mozilla.org/en-US/docs/Web/HTML/Element/input

07_06 Additional form elements

- https://codepen.io/christinatruong/pen/JoPMQOK

- MDN - Forms: https://developer.mozilla.org/en-US/docs/Web/HTML/Element#forms

08_01 What is accessibility?

- W3C Web Accessibility resources:

  - https://www.w3.org/WAI/policies

  - https://www.w3.org/WAI/standards-guidelines/wcag

- Web Accessibility in Mind: https://webaim.org

- MDN Accessibility Tutorials and Challenges: https://developer.mozilla.org/en-US/docs/Learn/Accessibility

08_02 ARIA basics

- W3C - Notes on ARIA Use in HTML: https://www.w3.org/TR/using-aria/#rule1

- MDN - Using ARIA: Roles, states, and properties: https://developer.mozilla.org/en-US/docs/Web/Accessibility/ARIA/ARIA_Techniques

08_03 Supporting languages

- W3C - Language tags in HTML and XML: https://www.w3.org/International/articles/language-tags

- IANA subtag registry: https://www.iana.org/assignments/language-subtag-registry/language-subtag-registry