Unit A HTML Introduction

- project plan
- wireframes, storyboard
- html document head, body and title
- add comment

Unit B Structuring Content in a Web Document

- Evaluate web accessibility standards: WCAG, goals
- char set and HTML encoding (UTF-8)
- Incorporate the **div** element
- HTML5 **semantic elements**
- Special characters: `&code;` `&#code;`
- viewpoint
- validate HTML code
- XHTML document

Unit C Getting Started with CSS

- Style Rules
- CSS Precedence Rules
- Embedded style sheet
- ID Selector
- Class Selector
- Multiple Selector
- External Style Sheet
- Comments in Style Sheet
- Validate CSS

Unit D Laying out Elements with CSS

- CSS box model
- Element width and borders
- Margins, Padding
- CSS units of measurement

- Element Float
- Align elements with **float**
- Control Page flow with **clear**
- Fixed position
- Relative position
- Stacking order: z-index
- Absolute position

Unit E Formatting Text with CSS

- web fonts
- font family
- custom font
- declare font size and line height
- implement bold and italics
- style pseudo-elements
- hex and RGB colors
- add shadows
- create media query

Unit F Inserting and Working with Links

- Links: scheme+Server name+Path
- Relative Links
- Absolute Links
- CSS Display type
- Style links with a pseudo-class
- Open Links in new tabs: __blank
- Link within a document
- Aid navigational accessibility

Unit G Inserting and Working with Images

- Image File Types
- Insert Images
- Background Image
- Image as Figure
- Figure Caption

- Images as Link
- Image Map
- Additional hotspots
- Favicon and Touch icons

Unit H Organizing Content with Lists and Tables

- ordered list: ol
- unordered list: ul
- description list: dl
- nav bar using a list
- insert a table
- span columns and rows
- format table with CSS
- apple a table-like structure to other elements

Unit I Implementing Responsive Design

- Responsive Design
- Multipart media query
- add column with a media query
- widescreen layout
- responsive navigation
- adaptive content
- progressive enhancement

Unit J Creating and Progressing Web Forms

- create a form
- create text fields
- create check boxes
- option buttons
- drop down menus
- enable form submission