Intermediate Web Development

Week 1
Industry and Practice: Organization and Practice Conventions
HMTL5/CSS3 Review: Your Starter Kit
Dreamweaver refresher, file organization conventions, basic HTML tags and attribute sets
Practice Exercise: Create and style HTMLpages in 3 basic layous
Assignment 1: Create the appropriate folder and file organization for your site

Week 2
Industry and Practice: Creating a Wireframe
Video: Using CSS for Positioning: Floating, Limiting, and Handling Overflow, Building a Scaffolding
Assignment 1: Create Wireframes for a Home Page, a Category Page and a Detail Page
Assignment 2: Build Pages from the Wireframes using Valid Code and CSS

Week 3
Industry and Practice: Implementing Design
Video: Using CSS for Complex Styling
Assignment 1: Create mockups for your pages
Assignment 2: Style your pages using your mockup for reference

Week 4
Industry and Practice: Responsive Design
Planning a Responsive Design/Mobile First: Content and Structure
Considering the Grid
Video: Creating Responsivity with CSS: Media breakpoints and the @media rule
Assignment 1: Plan the Smartphone Version of your site's home page (wireframes and mockups)
Assignment 2: Create the CSS for your smartphone version

Week 5
Industry and Practice: Responsive Design
Video: Making Your Assets (Images and Video) Responsive
Assignment: Add Responsive Assets to Your Site
Assignment: Complete the CSS for your tablet and desktop versions

Week 6
Industry and Practice: Responsive Design
Using Frameworks for Responsive Development, Part 1
Video: Setting up, using and customizing Bootstrap
Assignment: Create a version of your site using Bootstrap instead of CSS media breakpoints and customize as desired.

Week 7
Industry and Practice: Responsive Design
Using Frameworks for Responsive Development, Part 2
Video: Setting up, using and customizing Skeleton
Assignment 1: Create a version of your site using Skeleton

Week 8
Industry and Practice: Javascript and Jquery
Video: Basic Javascript and JQuery: variables, statements, functions, objects and arrays
Assignment: Add a Slideshow to your site

Week 9
Industry and Practice: Additional HTML5/CSS3
Forms, Visual Effects, Animation
Video: HTML/CSS for animation effects
Assignment: Add an advanced effect or form to your site

Week 10
Industry and Practice: Testing and QA
User Testing; Evaluating Across Devices, Platforms and Browsers
Video: how to approach user testing and QA
Assignment: Test your site and create a report. Fix any bugs you find.