

Course Outline

HTML Advanced

Duration: 1 day (6 Hours)

Learning Objectives:

Target Audience:

Building on the concepts in HTML 5: Basic, this ILT series course is designed for students with limited or outdated HTML experience who want to learn some of the more advanced elements and techniques of HTML5. In this course, students will explore effective web site planning and authoring principles, and they will learn how to create a semantic document structure. They will learn how to build interactive forms, apply native data validation, and embed HTML5 audio and video. Students will also learn some advanced CSS techniques, including using pseudo classes and pseudo elements. Finally, students will learn how to incorporate special fonts by linking to cloud services, and they will learn how to use the local storage feature in modern browsers.

Topics Covered:

- Authoring guidelines
 - Topic A: Planning a Web site
 - Topic B: HTML5 authoring
 - Topic C: Content organization and structure
 - Topic D: Basic SEO
- HTML5 forms
 - Topic A: Interactive forms
 - Topic B: Data validation and error feedback
 - Topic C: Form structure and styles
 - Topic D: Form design considerations
- Audio and video
 - Topic A: Embedding native audio
 - Topic B: Embedding native video
- CSS techniques
 - Topic A: Styles that improve efficiency
 - Topic B: Fonts in the cloud
 - Topic C: Generated content
- Local storage and site testing
 - Topic A: Editable content and local storage
 - Topic B: Site testing basics