HTML 5: ADVANCED

Available Dates: **Jan 30, Mar 28, May 23**
Class Length: **1 day**
Cost: **$399**
Email Computer Visions about this class

Class Outline:

Description:
Building on the concepts in HTML 5: Basic, this ILT series course is designed for students with limited or outdated HTML experience who want to learn some of the more advanced elements and techniques of HTML5.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.

Course Outline:
Unit 1: Authoring guidelines
Topic A: Planning a Web site
Topic B: HTML5 authoring
Topic C: Content organization and structure
Topic D: Basic SEO

Unit 2: HTML5 forms
Topic A: Interactive forms
Topic B: Data validation and error feedback
Topic C: Form structure and styles
Topic D: Form design considerations

Unit 3: Audio and video
Topic A: Embedding native audio
Topic B: Embedding native video

Unit 4: CSS techniques
Topic A: Styles that improve efficiency
Topic B: Fonts in the cloud
Topic C: Generated content

Unit 5: Local storage and site testing
Topic A: Editable content and local storage
Topic B: Site testing basics