

Web Concepts

Tuition: \$ 399 Hours: 12

Prerequisite: Intermediate level experience with HTML, including tables and forms, and familiarity or experience with Cascading Style Sheets (CSS).

Course Description: Learn some important principles of Web design that apply to just about any purpose or theme. Explore several pitfalls of Web design and how to avoid them, and a variety of design tips and guidelines that may be used no matter what the Web site project entails.



Course Content

Overview of Design Issues

- Common Problems in Web Design

Planning a Site

- The Planning Phase
- Choosing a Site Metaphor
- Content Outlining and Storyboarding

Design Guidelines

- Choosing a Design Approach
- Using Site Mock-ups
- Page Design Considerations

Effective Use of Images

- Choosing the Right Image Format
- Optimizing Graphics

Effective Use of Color

- Color 101
- Color and Design

Writing Good Code

- Authoring with HTML 4.01
- Validating Your Code
- Organization and Maintenance Techniques

Safe CSS

- Styles that Break Down Gracefully
- Web Typography with CSS

Creating Usable Sites

- Principles of Usability
- Simple Usability Techniques
- Designing Effective Navigation

Accessibility

- Creating Accessible Sites
- HTML and CSS Accessibility Techniques

Dealing with Browser

Incompatibilities

- Browser and Platform Issues
- Using Browser Detection Scripts

Publicizing Your Web Site

- Promoting Your Site: Meta Content

Review

- Apply Your Knowledge