



# UAWEB400: Advanced Cascading Style Sheets

**Course Title:** UAWEB400: Advanced Cascading Style Sheets

**Course Length:** 5 days

**Instructional Methodology:** Instructor led, hands-on with lab exercises

**Prerequisite:** Students must have completed UAWEB300: Web Design with XHTML/CSS or be an experienced HTML author or Web designer.

**Course Description:** In this advanced design course, students learn the concepts, techniques, properties, and values of CSS in a sequence that reflects a typical building up of design rules. Students learn how to work with colors, since in many cases the colors used for a site project are dictated by an organization's existing color scheme. Students will also learn how to control typography using text and font properties. Typographical styles are important to establish before you get into the layout of content areas since the size and spacing of the text helps determine the size of the content sections. Additionally, students will explore the layout-oriented styles of CSS, including margins, padding, and absolute and relative positioning. Once students have completed their layout exercise they will apply the finishing design touches, which could include customizing cursors, links, and forms, creating alternate style sheets, and other advanced Web design techniques.

## Course Objectives:

- Learn how to control color and typography
- Create style sheets that cascade according to established guidelines
- Design content sections using box properties
- Learn how to control your page layouts with positioning
- Enhance an existing CSS design
- Create alternate style sheets and link your pages to them, in order to enhance the accessibility and functionality of your Web sites

## Course Outline

- Converting an Existing Page
- Styling a Press Release
- Styling and Events Calendar
- Bringing Hyperlinks to Life
- How to Skin a Menu
- Styling for Print
- Making an Input Form Look Good
- Creating and Online Greeting Card
- Multicolumn Layout
- Sneaking Out of the Box
- Positioning Better Design
- Fixing Your Backgrounds
- Eric Meyer on CSS in CSS