

**AUSTIN COMMUNITY COLLEGE
CONTINUING EDUCATION**

Web Authoring: CSS3

(16 hours)

ITNX 3011

COURSE SYLLABUS

Course Description: Learn the newest CSS standard, how it can change users' interactions with your web projects, and the best ways to implement CSS3 with backward compatibility. Review the new capabilities and applications with hands-on exercises – from typography to media queries. **Prerequisites:** Web Authoring; using Cascading Style Sheets or equivalent knowledge.

Objectives: Every student will be able to:

- Identify the differences between CSS3 and earlier CSS specifications
- Explore advantages (and limitations) of CSS3
- Review browser support
- Discuss best practices and how to use CSS3 moving forward

Rationale: CSS allows web authors to separate content from presentation – and the newest specification, CSS3, provides even more flexibility when it comes to presentation and styling. The modular structure of CSS3 includes features for backgrounds and colors, media queries and column layout options. These changes – in conjunction with HTML5 – provide a powerful tool for web designers and developers.

Evaluation: Students will be evaluated using online exams and a final project.

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Course Outline:

I. Introducing CSS3	2 hours
What is CSS3?	
Differences between CSS3 and earlier CSS specifications	
How browsers are handling CSS3	
II. CSS3 Selectors	3 hours
Selectors Overview	
Explore specific selectors	
III. Designing and Developing with CSS3	9 hours
Background and color	
Typography	
CSS3 Box Model	
Page layout	
Media Queries	
IV. Implementing CSS3	2 hours
Best Practices	
Advantages and limitations of working with CSS3	