

AUSTIN COMMUNITY COLLEGE

Dreamweaver Advanced (18 hours)

ITNW 6041

COURSE SYLLABUS

Course Description: This course builds on the foundation of knowledge gained in Dreamweaver 1. You'll learn more about CSS selector types, use CSS and JavaScript to add interactivity to static pages, customize and extend the Dreamweaver interface, use Spry objects for complex interactivity, and create data-driven pages that draw from XML sources and RSS feeds.

Prerequisite: Dreamweaver 1: Introduction.

Objectives: Every student will be able to:

- Use Behaviors to create interactive page elements and validate user input
- Use advanced CSS capabilities to overlap, hide and display content, on demand,
- Create CSS class selectors, descendant selectors and ID selectors
- Install and use extensions to customize Dreamweaver
- Use Spry objects to create dynamic interface elements
- Consume a public RSS feed and control its display

Rationale: Dreamweaver is the professional standard among designers for producing websites, yet many only learn the basics of this full-featured program. This course will enable students to enhance their Web skills by learning to use advanced features of Dreamweaver to create dynamic, interactive Web pages.

Required Material: None

Type of Course: Short Course

Evaluation: Students will be evaluated on their competency in performing a variety of hands-on exercises throughout the course. In order to grant credit for a course the students must be able to complete assessment exercises for each part of the course given by the instructor. The instructor will validate each participant's achievement of the course objectives by signing and awarding individual certificates of completion.

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Course Outline:

- I. Introduction: Advanced Cascading Style Sheets
 - A. CSS Review
 - B. Types of CSS Selectors
 - C. Location and precedence of CSS rules
 - D. Hands-on Exercise

- II. Interactive Page Elements
 - A. Understanding Behaviors
 - B. Using AP Elements
 - C. Creating and styling Spry objects
 - D. Validating Forms
 - E. Navigational mechanisms
 - F. Hands-on Exercise

- III. Extending Dreamweaver
 - A. Code Snippets
 - B. Setting up the Favorites toolbar
 - C. Adding Custom Tools
 - D. Installing Extensions
 - E. Hands-on Exercises

- IV. Dynamic Data
 - A. Creating and using XML
 - B. Consuming an RSS feed
 - C. Hands-on Exercise