

**AUSTIN COMMUNITY COLLEGE  
CONTINUING EDUCATION**

Photoshop 1: Introduction  
(18 hours)  
ITNW 6001, 6039

**COURSE SYLLABUS**

**Course Description:** In this introductory course, you will learn the basics of digital imaging, and how to use Photoshop's most common tools, palettes, and commands for manipulating images and compressing them for the fastest downloads. Exercises include color correction, image retouching, photo manipulation, working with text and various types of layers, selection techniques, designing entire web page mock-ups and optimizing graphics in GIF, JPG and PNG format. **Prerequisites:** Familiarity with computers.

**Objectives:** Every student will be able to:

- Describe and use the most common tools in Photoshop
- Improve color and contrast in digital images
- Use layers and Layer Styles to build complex image effects
- Set type
- Optimize graphics for the fastest downloads with minimal quality loss

**Rationale:** Photoshop is the world's leading image editing software, and the tool of choice for almost all web designers. The ability to create aesthetic web pages and professional looking graphics is the cornerstone of the web designer's skill set.

**Type of Course:** Short Course

**Evaluation:** Students will be evaluated on their completion of hands-on exercises created to insure the student has achieved all course objectives, and by class participation. In order to receive CEU credit for a course, the students must demonstrate competence in the basic use of Photoshop by completing an image composition provided by the instructor. The instructor will validate each participant's achievement of the course objectives by signing and awarding individual certificates of completion.

**Course Outline:**

- I. introduction to digital imaging (1 hour)
  - A. Resolution and resampling
  - B. Color modes
  
- II. Introduction to Photoshop (2 hours)
  - A. Photoshop's tools
  - B. Color correction
  - C. Creating selections

III. Layers	(6 hours)
A. Using the Layers palette	
B. Types of layers	
C. Layer masks	
D. Layer effects	
IV. Practical application	(3 hours)
A. Building a web page	
V. Optimizing images	(3 hours)
A. GIF vs. JPEG vs. PNG	
B. Save for Web command	
VI. Student assessment exercise	(3 hours)

**Student Assessment Checklist:**

At the completion of the course each student will be able to:

- Describe and use the most common tools in Photoshop
- Improve color and contrast in digital images
- Use layers and Layer Styles to build complex image effects
- Set type
- Optimize graphics for the fastest downloads with minimal quality loss