

Photoshop® CS: Basic Image Enhancement (Level 1 - Windows)

Course Specifications

Course number: 078320
Course length: 1 day
Software: Photoshop CS



Course Description

In this course, you will learn to use several tools for selecting parts of images, and will move, duplicate, and resize images. You will learn to use layers, and to apply layer effects and filters to create special effects, including lighting and texture effects. Additionally, you will use painting tools and blending modes to create shading effects, and will perform adjustments to contrast and color balance. You will save images in formats for print and Web use.

Prerequisites: We designed *Photoshop CS: Basic Image Enhancement* for the student who has little or no experience using Adobe Photoshop, and who needs to learn the basic skills that are necessary in order to begin to use this program effectively.

Before taking this course, you should have a basic understanding of your computer's operating system. For example, you should know how to launch an application, create and save files, and copy files from CDs and other media.

Delivery Method: Instructor-led, group-paced, classroom-delivery learning model with structured, hands-on activities.

Certification

This Element K courseware title addresses the Adobe Certified Expert (ACE) Program objectives for the Photoshop CS exam. The ACE Program is for graphic designers, Web designers, developers, systems integrators, value-added resellers, and business professionals who seek recognition for their expertise with specific Adobe products. Certification candidates must pass a product proficiency exam in order to become an Adobe Certified Expert.

Hardware/Software Requirements

You will need:

- Intel Pentium class III or 4 processor.
- Microsoft Windows 2000 with Service Pack 3, or Windows XP.
- At least 192 MB of RAM (256 MB recommended).
- At least 280 MB of free hard-disk space to install software, and an additional 25 MB to run the course.
- A color monitor with 16-bit or greater video card (24-bit color recommended).
- 1024 x 768 or greater monitor resolution.
- A CD-ROM drive.
- Adobe Photoshop CS.

Performance-Based Objectives

- Identify the differences between raster and vector graphics; identify Photoshop® environment elements; and navigate in the Photoshop® environment.
- Select appropriate resolutions for different image and output types; and resize and crop image areas.
- Select image areas using the Lasso, Marquee, and Magic Wand tools; and use alpha channels to save and load selections.
- Create and manipulate multiple layers to composite images easily.
- Apply blending and shading effects to create realistic composites.
- Identify the image mode characteristics, channels and bit depth; identify attributes that distinguish grayscale mode from bitmap mode; and identify attributes that distinguish each color mode.
- Select colors using the Color palette, Color Picker, and Eyedropper tool; use Photoshop's painting tools to create artwork or to retouch photographs; and use the Clone Stamp tool to duplicate parts of an image.
- Add and format text within an image; apply layer effects and filters to create special effects including lighting effects and textures; and merge layers.
- Modify the brightness, contrast, color balance, hue, and saturation of images.
- Save images in file formats for use with other applications and the Web.

Course Content

Lesson 1: Photoshop's Environment

- Topic 1A: Raster and Vector Graphics
- Topic 1B: Photoshop Environment Elements
- Topic 1C: Navigating in Photoshop

Lesson 2: Sizing Images

- Topic 2A: Image Size and Resolution
- Topic 2B: Cropping

Lesson 3: Selecting Image Areas

- Topic 3A: Selecting Image Areas with the Rectangular and Elliptical Marquee Tools
- Topic 3B: Selecting Image Areas with the Lasso Tools
- Topic 3C: Save Selections
- Topic 3D: Selecting Image Areas with the Magic Wand Tool
- Topic 3E: Selecting Image Areas with the Magnetic Lasso Tool
- Topic 3F: Modifying Selections

Lesson 4: Creating Image Composites

- Topic 4A: Floating Versus Fixed Selections
- Topic 4B: Undoing Previous Steps
- Topic 4C: Copying Selections
- Topic 4D: Creating Layers
- Topic 4E: Transforming Layers
- Topic 4F: Copying Layers Between Images
- Topic 4G: Saving Images in Photoshop Format
- Topic 4H: Arranging Layers

Lesson 5: Blending Composite Images

Topic 5A: Defringing

Topic 5B: Simulating Transparency with Opacity and Blending Modes

Topic 5C: Feathering Edges

Lesson 6: Image Modes

Topic 6A: Mode Characteristics

Topic 6B: Grayscale and Bitmap Modes

Topic 6C: Color Modes

Lesson 7: Color and Painting

Topic 7A: Selecting Colors

Topic 7B: Painting Tools

Topic 7C: Cloning Image Areas with the Clone Stamp Tool

Lesson 8: Enhancing Images with Text and Special Effects

Topic 8A: Type Layers

Topic 8B: Layer Effects

Topic 8C: Filters

Topic 8D: Merging and Flattening Layers

Lesson 9: Adjusting Images

Topic 9A: Levels Adjustment Layers

Topic 9B: Toning Tools

Topic 9C: Hue/Saturation

Lesson 10: Saving Completed Images

Topic 10A: Saving for Use in Print Applications

Topic 10B: Saving for the Web

Appendix A: Blending Modes

Blending Modes

Appendix B: Adobe Certified Expert (ACE) Objective Mapping

Adobe Certified Expert Program