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## Photoshop® 7.0: Color Correction and Printing

**Course Length:** 1 Day

**Certification:** Adobe Certified Expert (ACE) Photoshop 7.0

### Course Description

In this course, you will learn professional techniques for obtaining consistent, predictable, high-quality images from Photoshop. The course addresses color correction processes for each of the three primary uses of Photoshop desktop printing, Web images, and preparing images for commercial printing. You will learn a balanced approach, starting with system calibration, through the scanning process, image enhancements, color correction, and exporting your image. You will also create traditional printed effects such as duotones and spot color overlays.

**Prerequisites:** *Photoshop® 7.0: Color Correction and Printing* was designed for the student who has completed the *Photoshop® 7.0: Level 1* and *Photoshop® 7.0: Level 2* courses, and who needs to learn color correction techniques, as well as techniques for preparing images for print.

Before taking this course, you should have completed the *Photoshop® 7.0: Level 1* and *Photoshop® 7.0: Level 2* courses, or have equivalent knowledge. You should also 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

*Photoshop® 7.0: Color Correction and Printing* is one of five courseware titles that address the Adobe Certified Expert (ACE) Program objectives for the Photoshop 7.0 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.

### Performance-Based Objectives

- Identify the typical uses for color modes, describe the Color Management and Color By The Numbers workflows, and combine the two workflows to create one that will work best for you.
- Calibrate your system for maximum color accuracy.
- Control the scanning process to work with the best possible images in Photoshop.
- Remove defects such as moiré patterns, dust, scratches, noise, and red-eye.
- Perform curve-based color corrections to remove color casts, enhance image detail, and ensure balanced images, and modify the brightness, contrast, color balance, hue, and saturation of images.
- Create custom color separation settings and modify images' gamuts to create quality CMYK output.
- Sharpen images to improve focus and detail.
- Create better grayscale images from RGB files than with Photoshop's default conversion method; and use spot colors to create duotones and spot overlays in images.

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## Course Content

### Lesson 1: Color Workflows

- Topic 1A: Color Modes
- Topic 1B: Color Management
- Topic 1C: Color by the Numbers
- Topic 1D: Hybrid Workflows

### Lesson 2: Calibration and Profiling

- Topic 2A: Calibrating and Profiling Your Monitor
- Topic 2B: Choosing a Working Color Space in Photoshop
- Topic 2C: Opening and Converting Images
- Topic 2D: Printing and Color Management

### Lesson 3: Scanning

- Topic 3A: Scanning Various Image Types
- Topic 3B: Scanner Settings and Adjustments

### Lesson 4: Removing Image Defects

- Topic 4A: Removing Dust and Scratches
- Topic 4B: Minimizing Moiré Patterns
- Topic 4C: Eliminating Red-eye

### Lesson 5: RGB Color Adjustments

- Topic 5A: Color Correction Objectives
- Topic 5B: Locating Highlights, Shadows, and Neutral Areas
- Topic 5C: Automatic Color and Contrast Adjustments
- Topic 5D: Basic Curve Adjustments
- Topic 5E: Memory Colors

### Lesson 6: Creating CMYK Separations

- Topic 6A: Color Settings for Prepress
- Topic 6B: Calibrating to a Proof
- Topic 6C: Out-of-gamut Colors
- Topic 6D: Color Separating Images
- Topic 6E: CMYK Curve Adjustments

### Lesson 7: Sharpening

- Topic 7A: Unsharp Masking
- Topic 7B: Sharpening Techniques

### Lesson 8: Grayscale and Spot Colors

- Topic 8A: Converting Color Images to Grayscale
- Topic 8B: Duotones
- Topic 8C: Spot Color Images