

Adobe® Photoshop® CS4: Photo Printing and Color

Course Specifications

Course number: 084061

Software: Adobe® Photoshop® CS4

Course length: 1.0 day(s)

Course Description

You are familiar with the Adobe® Photoshop® tools and techniques that were used to design and create images. Applying the correct image and color correction processes and techniques ensures that you obtain the desired output when printing images for commercial purposes. In this course, you will enhance the appearance of images so that the print output is consistent and has good clarity.

Course Objective: You will use color management techniques and color correct images to ensure optimal print output.

Target Student: This course is intended for photo professionals or enthusiasts who have a basic foundation of Adobe® Photoshop® CS4 and are interested in using Photoshop for printing and color correction.

Prerequisites: To ensure your success in this course, it is recommended that you first take the following Element K course: Adobe® Photoshop® CS4: Level 1, or have equivalent knowledge.

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

Software Requirements

- Adobe® Photoshop® CS4

Performance-Based Objectives

Upon successful completion of this course, students will be able to:

- understand the various color modes and workflow.
- calibrate the monitor and use color management profiles to control image display.
- use the advanced image support features available in Photoshop CS4.
- combine images.
- enhance the quality of images.
- adjust RGB colors to perform color correction for images.
- create high quality CMYK separations for commercial printing.
- convert color images to grayscale and add spot colors to them.

Course Content

Lesson 1: Understanding Color Modes and Workflow

Topic 1A: Compare Color Modes

Topic 1B: Examine Color Workflow

Lesson 2: Setting Color Space

- Topic 2A: Calibrate and Profile the Monitor
- Topic 2B: Set a Working Color Space in Photoshop
- Topic 2C: Convert Images from One Color Space to Another
- Topic 2D: Manage Printing and Color

Lesson 3: Using Advanced Image Support

- Topic 3A: Use the Camera Raw Format
- Topic 3B: Create High Dynamic Range Images
- Topic 3C: Preview an Image on a Video Monitor

Lesson 4: Combining Images

- Topic 4A: Merge and Rescale Images
- Topic 4B: Blend Images

Lesson 5: Enhancing Image Quality

- Topic 5A: Reduce Noise in Images
- Topic 5B: Sharpen Images
- Topic 5C: Minimize Moiré Patterns
- Topic 5D: Eliminate Red Eye Defects

Lesson 6: Adjusting RGB Colors

- Topic 6A: Identify Color Regions for Color Correction
- Topic 6B: Make Color and Contrast Adjustments
- Topic 6C: Make Basic Curve Adjustments
- Topic 6D: Correct Memory Colors
- Topic 6E: Adjust Shadows and Highlights Independently

Lesson 7: Creating CMYK Separations

- Topic 7A: Adjust Color Settings for Prepress
- Topic 7B: Examine Calibration Techniques
- Topic 7C: Adjust Out-of-Gamut Colors
- Topic 7D: Color Separate Images
- Topic 7E: Adjust CMYK Curves

Lesson 8: Working with Grayscale Images and Spot Colors

- Topic 8A: Convert Color Images to Grayscale Images
- Topic 8B: Create Duotones
- Topic 8C: Add Spot Colors to Selected Areas of an Image

Appendix A: Examining Scanning Preferences

Appendix B: Identifying Scanner Settings and Adjustments

Appendix C: Printing Conditions for Commercial Purposes

Appendix D: Choosing Image Resolution