

Photoshop CS4: Color Printing, ACE Edition + CertBlaster

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Duration: One day

Description:

Photoshop CS4: Color Printing, ACE Edition, is part of a four-course ILT series, which is designed to help students prepare for the Adobe Certified Expert exam for Photoshop CS4. This course focuses on the specific information needed to create professional-looking images for high-end business printers and commercial print shops. In this course, students will learn how to optimize color management for print. They will explore various techniques for adjusting the quality of an image and making color adjustments. Students will learn how to use CMYK separations for prepress, customize ink options, and adjust CMYK curves. Students will also explore various options for using grayscale, spot-color, and duotones.

Prerequisites: Photoshop CS4: Level 1, ACE Edition and Photoshop CS4: Level 2, ACE Edition or equivalent experience

Topic-Level Outline

Unit 1 : Color management

*Topic A: * Color management basics*

- A-1: Examining RGB and CMYK gamuts
- A-2: Examining color space differences

*Topic B: * Calibration and synchronization*

- B-1: Discussing monitor calibration
- B-2: Synchronizing Creative Suite colors

*Topic C: * Color space conversion*

- C-1: Opening images with mismatched profiles

*Topic D: * Printing with color management*

- D-1: Proofing colors on screen
- D-2: Printing with a color management profile
- D-3: Proofing by using a simulated device

Unit 2 : Photographic techniques

*Topic A: * Digital photo quality*

- A-1: Adjusting settings for camera raw images
- A-2: Applying camera raw settings in Adobe Bridge
- A-3: Reducing noise

*Topic B: * Photographic adjustments*

- B-1: Applying photo filters
- B-2: Matching colors in multiple images

*Topic C: * Lens adjustments*

- C-1: Correcting lens distortions
- C-2: Simulating depth-of-field effects
- C-3: Counteracting focus blur

*Topic D: * Merging images*

- D-1: Creating a panorama with Photomerge
- D-2: Creating an HDR image
- D-3: Viewing and converting an HDR image

Unit 3 : RGB image adjustments

*Topic A: * Color correction principles*

- A-1: Determining necessary adjustments

*Topic B: * Measuring color*

- B-1: Setting up the workspace for measuring color
- B-2: Locating shadows and highlights

*Topic C: * Automatic adjustments*

- C-1: Comparing automatic adjustment methods
- C-2: Setting target points with eyedroppers
- C-3: Correcting shadow and highlight problems

*Topic D: * Curves adjustments*

- D-1: Adjusting contrast with curves
- D-2: Adjusting specific tones
- D-3: Correcting flesh tones

*Topic E: * Hand-retouching color*

- E-1: Using the Burn tool to darken image areas

*Topic F: * Color replacement*

- F-1: Replacing a color throughout an image
- F-2: Replacing a color by painting

Unit 4 : CMYK separations

*Topic A: * Prepress color settings*

- A-1: Discussing CMYK conversion
- A-2: Choosing RGB and CMYK color spaces for prepress
- A-3: Choosing custom CMYK ink options
- A-4: Setting separation options

*Topic B: * Creating color separations*

- B-1: Separating an image

*Topic C: * CMYK image adjustments*

- C-1: Adjusting CMYK curves

*Topic D: * Sharpening*

- D-1: Applying the Unsharp Mask filter

Unit 5 : Grayscale and spot colors

*Topic A: * Grayscale conversion*

- A-1: Creating a grayscale image
- A-2: Converting an image from RGB to Grayscale

*Topic B: * Spot-color images*

- B-1: Adding a spot-color channel
- B-2: Saving a DCS file

*Topic C: * Duotones*

- C-1: Creating a duotone
- C-2: Adjusting duotone curves

Appendix A : ACE exam objectives map

*Topic A: * Comprehensive exam objectives*