

## Photoshop CS3: Colour Printing, ACE Edition + CertBlaster

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Duration: One day

**Prerequisites:** *Photoshop CS3: Level 1, ACE Edition* and *Photoshop CS3: Level 2, ACE Edition* or equivalent experience

### Description:

Photoshop CS3: Color Printing, ACE Edition is a continuation of the Photoshop CS3 ILT course series. It focuses on 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. They'll learn how to use CMYK separations for prepress, how to customize ink options, and how to adjust CMYK curves. They will also explore various options for using grayscale, spot-color, and duotones.

### 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*

- B-1: Discussing monitor calibration

*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

#### 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 with a Black and White adjustment layer

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*