Adobe® Photoshop® CS4 : Color Correction

Course length: 2 day(s)

Course Description
In Photoshop CS4: Color Correction, you’ll learn how to quickly evaluate whether an image needs a color correction or adjustment. He explains the fundamentals of color images and demonstrates how to set color workflow preferences. Designers, production staff, and photographers will discover quick and accurate evaluation and correction techniques to speed up their workflow in the fast-paced production environment. Exercise files accompany the course.

Highlights
- Fundamentals of digital color: Understanding bit depth, channels, resolution, grey scale and color
- Exploring the difference between color correction and image adjustment
- Choosing and using the best tools for color correction
- Exploring RGB vs. CMYK corrections
- Evaluating the histogram’s display of color
- Using Adjustment layers to affect editable corrections
- Saving time using keyboard shortcuts
- Preparing color images for output on various devices
1. Setting Up Photoshop for Color Correction
   - Setting color workflow preferences
   - Managing your memory for optimization
   - Assigning color settings
   - Understanding color tools
   - Accessing color correction tools with the keyboard
   - Customizing the color workspace
   - Mastering rules of engagement and keyboard shortcuts
   - Navigating around images
   - Saving time with keyboard shortcuts

2. Managing Images with Bridge
   - Understanding the Bridge interface
   - Using batch rename
   - Adding copyrights and other metadata
   - Adding shortcuts to Bridge favorites
   - Customizing Bridge preferences
   - Navigating files and accessing metadata
   - Sorting and labeling images

3. Color Image Fundamentals
   - Understanding pixel brick building blocks
   - No such thing as color
   - Building block channels
   - Understanding bit depth and grayscale
   - Understanding bit depth and color
   - Measuring RGB
   - Measuring CMYK
   - Exploring LAB
   - RGB vs. CMYK corrections
   - Understanding the Histogram’s display of color
   - Understanding neutralization

   - Making visual evaluations and judgments
   - Understanding histograms
   - Going into details with histograms
   - Using numeric evaluation for highlights and neutrals
   - Using numeric evaluation for skin tones and complex images

5. Evaluating and Fixing Physical Characteristics
   - Adjusting dimensions, resolution, and modes
   - Straightening your image
   - Cropping your image
   - Finding and evaluating patterns: noise, posterization, and screens

6. Evaluating and Correcting “Color”
   - Using master channel histograms
   - Using individual channel histograms
   - Highlights with info and color sampler
   - Identifying and correcting shadows
   - Finding and using neutrals
   - Evaluating and correcting skin tones
   - Controlling brightness, contrast, and saturation
7. Special Topics
   Presetting white balance
   Customizing white balance
   Target-based correction
   Sharpening in RGB
   Sharpening in LAB
   Understanding white balance

8. Putting It All Together
   Working through color correction

9. Target-Based Corrections
   Introducing target-based corrections
   Applying two-step target-based corrections
   Applying multi-step target-based corrections
   Saving Curves settings

10. Sample Color Correction Projects
    Adding keyboard shortcuts
    Histogram correction
    Channel adjustments
    Skin tones: Black-and-white clipping points
    Skin tones: Cast shadows
    Skin tones: Babies
    Neutrals and potential neutrals
    Clouds, snow, ice, and land
    Flat images
    Underwater images
    Sacrifices
    Image within image: Snow and sky
    Image within image: Sunrise and mountains
    Weird color casts