ProTech Professional Technical Services, Inc.

Adobe Photoshop - Fundamentals

Course Summary

Description

This course is designed to get you up and running and proficient on Photoshop, beginning with an exploration of its interface and how to master all of its tools, layers and channels. You will also learn about the advantages of incorporating Adobe Bridge to manage and organize your projects' media. This course is ideal for anyone just starting out with Photoshop, or for teams to be able to communicate effectively with their graphics department, and for all kinds of developers or artists interested in increasing their skill level and creativity.

Topics

- Application Overview
- The Work Area
- Document Dimensions
- Views and Navigation
- Undo and the History Palette
- Adobe Bridge
- Setting Preferences
- Image, Size, Resolution and Composition
- Layers
- Painting and Editing
- Colors Modes
- Masks, Selections and Channels
- Cropping
- Navigation
- Moving and Transforming Pixels
- Crop and Straighten Images
- Working with Depth of Field

- Image Adjustment and Color Correction
- Retouching and Repairing Images
- Vanishing Point Filter
- Text and Type Effects
- Compositing Images
- Brush Tools
- Compositing and Blending Images
- Extracting Images from Complex Backgrounds
- Aligning and Blending Multiple Images
- Layer Comps and Photoshop Scripts
- Saving Files
- Sharpening Images with Filters
- Text, Styles and Shapes
- Using Smart Objects
- Printing Files
- Color Profiles

Prerequisite

Basic knowledge of a Mac or PC compute

Duration

Three Days

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Course Outline

I. **Application Overview**
- A. Vector vs. Pixel images
- B. Using Adobe Bridge with Photoshop
- C. The New User Interface - Toolbar, Panels & Workspaces
- D. Menu Customization
- E. Understanding Vector vs. Raster-based images
- F. Image Resolution & Anti-aliasing

II. **The Work Area**
- A. Opening & Saving files
- B. Working with Palettes
- C. Using online Help
- D. Using Rulers
- E. Guides
- F. Grid

III. **Document Dimensions**
- A. New Documents
- B. Resolution vs. File Size
- C. Canvas Size
  Enlarging Canvas size
- D. Rotating Canvas
- E. Crop Tool
- F. Shielding Cropped Area
- G. Crop & Straighten

IV. **Views and Navigation**
- A. Views
- B. Fit on Screen
- C. Actual Pixels
- D. Print Size
- E. View Zoom
- F. Menu
- G. Zoom Tool
- H. Keyboard Shortcuts
- I. Moving Around
- J. Hand tool
- K. Navigator Palette
- L. Keyboard Shortcuts
- M. New View(s)

V. **Undo and the History Palette**
- A. Undo Redo/Revert
- B. History Palette
- C. Stepping Back in "Time"
  History Palette Features

VI. **Adobe Bridge**
- A. Enhanced File Management & Automated Output
- B. Batch Renaming Images
- C. Applying Ratings, Labels & Keywords to Images

VII. **Setting Preferences**
- A. Resetting Preferences
- B. Setting Preferences
- C. General Preferences
- D. Saving Files Preferences
- E. Display and Cursor Preferences
- F. Transparency and Gamut Preferences
- G. Units and Rulers Preferences
- H. Guides and Grid Preferences
- I. Plugins and Scratch Disks
- J. Image Cache Preferences
  Assigning RAM to Photoshop

VIII. **Image, Size, Resolution and Composition**
- A. Resizing Files for Print & Web
- B. Content Aware Scale
- C. Working with Depth of Field (Blur Gallery & Image Stacks)

IX. **Layers**
- A. Organizing Artwork on Layers
- B. Different Types of Photoshop Layers
- C. Creating and Viewing Layers Selecting and Removing Artwork on a Layer
- D. Rearranging Layers
- E. Changing the Opacity of a Layer
- F. Linking Layers
- G. Adding a Gradient Mask to a Layer
- H. Adding a Layer Effect/Style
- I. Flattening Layers and Saving Files
- J. Different Types of Photoshop Layers
- K. Using Layer Groups
- L. Blending Modes
- M. Layer Opacity

Course Outline

Adobe Photoshop - Fundamentals

Course Outline (cont.)

X. *Painting and Editing*
   A. Painting Tools
   B. Brush Tool
   C. Eraser Tool
   D. Clone Tool
   E. Pencil Tool
   F. Line Tool
   G. Filling with Color with Paint Bucket Tool and Fill Menu
   H. Keyboard Shortcuts
   I. Painting & Editing images
   J. Selecting a Paint or Editing Brush
   K. Hard-Edge vs. Soft Edge
   L. Adjusting Opacity
   M. Painting Within a Selection
   N. Erasing Tools
   O. Airbrushing and Smudging
   P. Gradients
   Q. Using Pre-defined gradients
   R. Editing Gradients

XI. *Colors Modes*
   A. Color Modes & Uses
   B. RGB Mode
   C. CMYK Mode
   D. Grey Scale Mode
   E. Bitmap Mode
   F. Selecting Colors
   G. Eyedropper Tool
   H. Foreground/Background Colors
   I. Color Palette
   J. Swatch Palette
   K. Apply Foreground & Background Colors
   L. Using the Color Sliders to Mix Colors
   M. Using the Color Picker and Eyedropper Tool

XII. *Masks, Selections and Channels*
   A. Defining Masks, Selections, and Alpha Channels
   B. Creating a Quick Mask
   C. Editing a Quick Mask
   D. Making a Mask as a Selection
   E. Refine Edges
   F. Using the Selection tools
   G. Rectangular Marquee Tool
   H. Elliptical Marquee Tool
   I. Hiding and Saving Selections
   J. Lasso Tools
   K. Using the Magic Wand
   L. Quick Selection Tool
   M. Moving a Selection
   N. Adding and Subtracting Selections
   O. Via Option Bar
   P. Via Keyboard shortcuts
   Q. Editing Selections
   R. Moving a Selection
   S. Selection Only
   T. Image Selection
   U. Transforming a Selection
   V. Inverting Selections
   W. Saving a Selection
   X. Loading a Selection

XIII. *Cropping*
   A. Image Crop
   B. Crop Tool
   C. Rotation During Crop

XIV. *Navigation*
   A. Using the Navigator Palette & Key Navigation Shortcuts
   B. Zoom Options, Hand tool, Bird's-eye View

XV. *Moving and Transforming Pixels*
   A. Using the Move Tool
   B. Using the Free Transform & Transform commands - Flip, Warp & Puppet Warp

XVI. *Crop and Straighten Images*
   A. Cropping & Resizing Images
   B. Fixing Perspective & Crooked Images

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Course Outline (cont.)

XVII. **Working with Depth of Field**
   A. Stacking Images - to Add Depth of Field
   B. Blur Filters - to Remove Depth of Field

XVIII. **Image Adjustment and Color Correction**
   A. Using the Adjustments Panel: Levels, Color Balance & Hue/Saturation, Photo Filter
   B. Applying Masks for Color Correction in Specific Areas of an Image
   C. Correcting Difficult Images: Match Color & Shadow/Highlight
   D. Using Variations

XIX. **Retouching and Repairing Images**
   A. Using the Spot Healing Brush, Healing Brush, Patch Tool, Clone Stamp Tool & Red Eye Tool
   B. Using the Liquify Filter
   C. Using Burn & Dodge Tools

XX. **Vanishing Point Filter**
   A. Adding Elements and Retouching in Perspective

XXI. **Text and Type Effects**
   A. Using the Text Tools
   B. Using Layer Styles
   C. Setting Type
   D. Font, Style, Size, Alignment
   E. Color
   F. Warped Text Effects
   G. Anti-Alias Settings
   H. Using Palettes

XXII. **Compositing Images**
   A. Blending Images with Layer Masks
   B. Using the Masks Panel & Quick Mask
   C. Saving & Loading Selections
   D. Using the Magic Wand
   E. Modifying & Feathering Selections

   F. Hiding & Saving Selections

XXIII. **Brush Tools**
   A. Setting Brush Options and Modifying Brush Shapes
   B. Essential Brush & Masking Shortcuts

XXIV. **Compositing and Blending Images**
   A. Adding Layers
   B. White Balancing Images
   C. Applying Filters & Effects
   D. Applying Color Adjustments to specific layers
   E. Using the Gradient Tool and Editing & Creating Gradients
   F. Tinting Images with Gradients & Fills
   G. Eyedropper & Paint Bucket Tools
   H. Applying Blending Modes to Layers
   I. Changing Canvas size
   J. Using Pixel & Vector Masks
   K. Editing Masks with Brushes and Masks Panel
   L. Using Paste Into
   M. Warping Pixels

XXV. **Extracting Images from Complex Backgrounds**
   A. Editing Transparency Grid preferences
   B. Using the Erase & Smudge Tools

XXVI. **Aligning and Blending Multiple Images**
   A. Creating Panoramas
   B. Auto-aligning Images
   C. Using Content Aware Fill

XXVII. **Layer Comps and Photoshop Scripts**
   A. Managing Different Design Variations
   B. Using Scripts to Export Comps

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Course Outline (cont.)

XXVIII. *Color Profiles*
- A. Applying & Using Custom Color Profiles
- B. Adding Tonal Adjustments to Images

XXIX. *Sharpening Images with Filters*
- A. Filter Gallery, including: Artistic, Sketch, Stylize & Texture
- B. Using Smart Filters

XXX. *Text, Styles and Shapes*
- A. Adding Type
- B. Creating and Adding Layer Styles
- C. Using Custom Shapes
- D. Working with Shape Layers
- E. Adding Custom Shapes

XXXI. *Using Smart Objects*
- A. Importing Vector Files
- B. Rasterizing Vectors
- C. Creating Smart Objects Editing
- D. Smart Object Layers

XXXII. *Printing Files*
- A. Print With Preview
- B. Scaling to fit
- C. More Options
- D. Output options

XXXIII. *Saving Files*
- A. Layered Formats
- B. Photoshop
- C. PDF
- D. Flat Format
- E. TIFF
- F. JPEG
- G. PNG
- H. TIFF with layers