



Photoshop

Overview

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

- Explore the Photoshop environment.
- Ensure that images have an appropriate balance between file size and print or display quality and also crop images to remove unnecessary areas.
- Use the different selection tools in Photoshop to select parts of images and also save selections for future use.
- Create image composites and use several techniques for creating and manipulating layers and use the techniques in Photoshop for undoing the previous steps.
- Apply blending effects to composite images so that they appear more realistic.
- Identify the various image modes characteristics and select the appropriate image mode for specific purposes.
- Select colors and paint image using the various color and painting tools in Photoshop and duplicate parts of an image using the Clone Stamp tool.
- Add type to an image, format it, and create special effects by applying filters.
- Adjust an image's brightness, contrast, hue, and saturation.
- Save completed images for printed applications and for the web and also save the images as PDF documents.

Course content

Lesson 1: Exploring Photoshop Environment

Differentiate Raster and Vector Graphics
Explore the Photoshop Environment
Customize the Photoshop Environment
Work with Navigation Tools
Customize Menus
Explore Adobe Bridge
Apply Metadata and Keywords

Lesson 2: Sizing Images

Determine Display and Print Resolution
Crop an Image

Lesson 3: Selecting Image Areas

Select Image Areas with the Marquee Tools
Select Image Areas with the Lasso Tools
Save Selections
Select Image Areas with the Magic Wand Tool
Select Image Areas with the Magnetic Lasso Tool
Modify Selections

Lesson 4: Creating Image Composites

Make Floating Versus Fixed Selections
Undo Previous Steps
Copy Selections
Create Layers
Create Smart Objects
Transform Layers
Copy Layers Between Images
Save Images in Photoshop Format
Arrange Layers

Lesson 5: Blending Composite Images

Defringe Images
Simulate Transparency with Opacity and Blending Modes
Feather Edges

Lesson 6: Exploring Image Modes

Examine Mode Characteristics
Explore Grayscale and Bitmap Modes
Explore Color Modes

Lesson 7: Applying Colors

Select Colors
Work with Painting Tools
Clone Image Areas with the Clone Stamp Tool

Lesson 8: Enhancing Images with Text and Special Effects

Create Type Layers
Apply Layer Effects
Work with Filters
Merge Layers and Flatten Images

Lesson 9: Adjusting Images

Create Levels Adjustment Layers
Enhance Images Using Toning Tools
Adjust the Hue/Saturation of Images

Lesson 10: Saving Completed Images

Save Images for Use in Print Applications
Save Images for the Web
Save Images as PDF

Section 2

Overview

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

- Work with advanced tools and techniques to create accurate masks and for better image editing flexibility.
- Create, edit, and save vector paths; and also convert a path to a clipping path to prevent pixels outside it from being printed.
- Create and save swatches, gradients, and patterns to fill image areas.
- Use Photoshop's wide range of tools and techniques to create special effects in images.
- Use the Actions palette to combine a series of commands into a single command and to create keyboard shortcuts for frequently used commands.

Course content

Lesson 1: Masking and Clipping Layers

Erase a Background
Edit a Selection by Painting a Quick Mask Overlay
Save and Edit a Selection in an Alpha Channel
Work with Layer Masks
Make Areas Within a Layer Semitransparent
Clip a Layer to the Shape of Another

Lesson 2: Masking with Vector Paths

Create Vector Paths
Edit paths
Mask an Image with a Path

Lesson 3: Filling Image Areas

Fill Image Areas with Swatch Colors
Create Gradients
Create Patterns

Lesson 4: Creating Special Effects

Distort Editable Type
Warp an Image
Create Layer Comps
Crop Images Precisely

Restore Photographs
Simulate Painted Effects

Lesson 5: Automating Tasks

Create an Action
Manage Actions