

MULTIMEDIA SYLLABUS

Adobe Photoshop

- **Introducing Adobe Photoshop**
 - When to use Photoshop
 - When not to use Photoshop
 - Use of Photoshop
- **Getting to Know the Work Area**
 - Document Workspace
 - The toolbox and tool option bar
 - Workspace Preset
 - Workspace
 - Understanding the main menus
 - The File menu
 - The Edit menu
 - The Image menu
 - The Layer menu
 - The Select menu
 - The Filter menu
 - Using the options bar and other panels
 - Understanding Shotcuts
- **Image Basics**
 - Compressed Versus Uncompressed
 - Raster and Vector
 - Image Files
 - Photoshop (*.PSD, *.PDD)

TIFF (*.TIF;*.TIFF)

JPEG (*.JPG;*.JPEG;*.JPE)

JPEG 2000 (*.JP2;*.JPX)

CompuServ GIF (*.GIF)

PNG (*.PNG)

Bmp (*.BMP; *.RLE; *.DIB)

- Resolution and image size
- Creating and opening Images
 - Creating a new image
 - Opening an existing image
 - Opening an existing image as a specific file type
 - Saving an image
- Resizing Files and Adjusting Resolution
 - Understanding resolution
 - Changing the image size and resolution
 - Understanding the resolution and size relationship
 - Understanding Photoshop's resizing algorithms
 - Adjusting the image size and resolution
 - Changing the canvas size
- Canvas size and image size
- **Understanding Colors**
 - Color basics
 - Working in different color modes
- **Color Modes**
 - Mode Characteristics
 - Grayscale and Bitmap Modes

- RGB,CMYK
- **Choosing Colors**
 - Using the Color Picker tool
 - Using the Color panel
 - Using the Swatches panel
 - Using the Eyedropper tool
 - Using the Color Sampler tool
- **Basic Photo Corrections**
 - Strategy for retouching
 - Adjusting color
 - Straightening and cropping
 - Replacing colors
 - Using the clone stamp tool
 - Using content-aware fill
 - Using the spot healing brush
- **Working with Selections**
 - The Select Menu
 - Using the Selection Tools
 - Quick Selection tool
 - Quick Selection tool options
 - Using the Quick Selection tool
 - Magic Wand tool
 - Magic Wand tool options
 - Using the Magic Wand
 - Color Range
 - Selecting by shape

The Marquee options

The Rectangle Marquee tool

The Elliptical Marquee tool

Using the Lasso tools

Lasso tool options

Lasso tool

The Polygonal Lasso tool

The Magnetic Lasso tool

- Refining Your Selection

Adjusting a selection

Using the selection tools

Using paths

Using the Quick Mask mode

- **Layers**

- Creating Layers
- Rearranging layers
- Opacity and fill
- Applying layer styles
- Blending Modes
- Copying Layers
- Type Layers
- Layer Effects
- Merging and Flattening Layers

- **Color and Painting**

- Selecting Colors
- Painting Tools

- The Clone Stamp Tool
- **Lighting and color adjustment**
 - Working with Layers
 - Understanding multiple layers
 - Adding new layers
 - Adding another document as a new layer
 - Adding text or shapes as a new layer
 - Creating selections to make a new layer
 - The Layer Menu and the Layers Panel Menu
 - The Layer menu
 - The Layers panel menu
 - The Layers Panel
 - Opacity and Fill settings
 - Lock settings
 - Blending modes
 - Normal and dissolve blending modes
 - Darkening blending modes
 - Lightening blending modes
 - Adding contrast blending modes
 - Using difference blending modes
 - Color blending modes
 - Using blending modes
 - Linking layers
 - Layer styles, Layer masks, and Fill and Adjustment layers
 - Grouping layers
 - Creating a blank layer

- Choosing a Fill or Adjustment layer
 - Fill layers
 - Adjustment layers
 - Editing a Fill or Adjustment layer
 - Moving a Fill or Adjustment layer
 - Editing the properties of a Fill or Adjustment layer
- Layer Style Special Effects
 - Choosing a Layer Style
 - Adjusting Layer Style options
 - Creating a separate layer from a Layer Style
- Layer Masks
 - Creating masks
 - Type masks
- **Working with path**
 - Understanding Paths
 - Using the Pen tools
 - Pen tools
 - Using the Pen tool options
 - Using the Path Selection tools
 - Using the Path Selection tool options
- **Lighting and Color Adjustments**
 - Applying Quick Adjustments to Light and Color
 - Brightness and contrast versus exposure
 - Using the Brightness/ Contrast tool to adjust lighting
 - Using the Exposure tool to adjust lighting
 - Changing the color balance

- Making selective color adjustments
- Applying photo filter to images
- Replacing specific colors
- Using the Variations tool
- Changing the shadows and highlights in images
 - Fixing shadows
 - Adjusting after shadows
 - Creating customized black and white photos
- Hue and Saturation
 - Using the Hue/Saturation tool
 - Adjusting the hue and saturation to make colors pop
- Levels
 - Using the Levels Adjustment tool
 - Adjusting levels to increase detail in images
- Curves
 - Using the Curves Adjustment tool
 - Configuring the Auto Curves Adjustment
- **Working with Text**
 - Using the Text Tools to Add Text to Images
 - Using the text tools to add text
 - Adding text as a paragraph type
 - Edit Type
 - Check Spelling
 - Horizontal/Vertical
 - Anti-Alias adjustment
 - Warp Text

Layer Style

Using the Character panel

Using the Paragraph panel

Using the Character and Paragraph Styles panels

Character Styles

Paragraph Styles

Applying Text to Images

Adding text on a path

Applying text to a path

Editing text on a path

Applying text as a mask

- **Sharpness, Blur, and Noise Adjustments**
 - Using Sharpen Filters to Sharpen Images
 - Applying basic sharpening filters
 - Smart Sharpen
 - Using Blur Filters to Soften Images
 - Automatic Blur filters
 - Shape Blur filters
 - Gaussian Blur
 - Box Blur, Shape Blur
 - Adding a Motion Blur to an image
 - Radial Blur, Lens Blur