**Course Outline**

1. Overview of Visual Design Principles
   1. Line, value, color, texture, shape
   2. Positive and negative space
   3. Composition, balance, symmetry, pattern, rhythm, repetition
   4. Application to original photo illustrations
2. Effective file management
3. Workspace
   1. Tools, options bar and other panels
   2. Undo actions in Photoshop
   3. Customize the workspace
   4. Find resource for using Photoshop
   5. Check for updates
4. Basic Photo Corrections
   1. Strategies for retouching
   2. Set  resolution and image size
   3. Adjust color in Camera Raw
   4. Straighten and crop an image in Photoshop
   5. Replace colors in an image
   6. Adjust saturation with the Sponge tool
   7. Repair areas with the Clone Stamp tool
   8. Spot Healing Brush tool.
   9. content-aware patch
   10. Apply the Unsharp Mask filter
   11. Save the image for four-color printing.
5. Working with Selections
   1. Quick Selection, Lasso and Magic Wand tools
   2. Move, rotate and manipulate a selected area.
   3. Crop an image and erase within a selection.
6. Layer Basics
   1. Layers panel, rearrange layers, apply a gradient to a layer.
   2. Apply a layer style, add an adjustment layer and update layer effects.
   3. Add a border and flatten and save files.
7. Correcting and Enhancing Digital Photographs.
   1. Process files in Camera Raw.
   2. Advanced color correction
   3. Correct digital photograph
      1. Correct image distortion and add depth of field.
8. Masks and Channels
   1. Create and refine a mask
   2. Create a quick mask and manipulate an image with Puppet Warp.
9. Typographic Design
   1. Work with type
   2. Clipping mask from type.
10. Vector Drawing Techniques
    1. Bitmap images
    2. Vector graphics.
    3. Paths in artwork
    4. Vector objects
    5. Import Smart Object.
11. Advanced Compositing
    1. Montages of images
    2. Hand-color selections on a layer
    3. Smart Filters
    4. Drop shadows,
    5. Match color schemes across images
    6. Stitch a panorama
    7. Finish an image.
12. Painting with the Brushes
    1. Work with the Brush tools
    2. Select brush settings
    3. Mix colors
    4. Create a custom brush preset
    5. Mix colors with a photograph.
13. Prepare files for the Web
    1. Select file formats
14. Producing Consistent Color and Preparing for Printing
    1. Color management
    2. Color mode settings
    3. Prep an image for proofing or printing
    4. Out-of-gamut colors