

Course Objectives/Course Outline
Spokane Community College

Course Title: Web Graphics with Photoshop

Prefix and Course Number: CIS 112

Course Learning Outcomes:

By the end of this course, a student should be able to:

- Utilize graphic software to produce web sensitive images and
- Understand various graphic formats and appropriate usage of each.
- Learn and utilize Adobe Photoshop tools
- Plan, design and execute visually appealing web-sensitive images
- Create JPEG, GIF, PNG and other formats and layouts

Course Outline:

I. Learning the Work Area

- A. Toolbars
- B. Working with tools and tool properties
- C. Undoing actions in Photoshop
- D. Customizing the workspace
- E. Panels and panel locations
- F. Viewing Images

II. Basic Photo Corrections

- A. Retouching
- B. Resolution and image size
- C. Straightening and cropping an image
- D. Making automatic adjustments
- E. Removing a color cast
- F. Manually adjusting the tonal range
- G. Replacing colors
- H. Adjusting lightness
- I. Adjusting saturation
- J. Repairing areas with the Clone Stamp tool
- K. Using the Spot Healing Brush tool
- L. Using the Healing Brush and Patch tools

III. Working with Selections

- A. Quick Selection tool
- B. Moving a selected area
- C. Manipulating selections
- D. Magic Wand tool
- E. Lasso tools
- F. Magnetic Lasso tool
- G. Cropping an image and erasing within a selection
- H. Refining the edge of a selection

IV. Layers

- A. About layers
- B. Layers panel
- C. Rearranging layers
- D. Applying a gradient to a layer
- E. Applying a layer style
- F. Adding an adjustment layer

- G. Updating layer effects
- H. Flattening and saving files
- V. Quick Fixes
 - A. Improving a snapshot
 - B. Blurring a background.
 - C. Creating a panorama
 - D. Correcting image distortion
 - E. Adding depth of field
 - F. Adjusting perspective
- VI. Masks and Channels
 - A. Creating a quick mask
 - B. Refining a mask
 - C. Viewing and adjusting individual channels
 - D. Loading a mask as a selection
 - E. Applying filters to a mask
 - F. Applying effects using a gradient mask
 - G. Removing the background from an image
 - H. Moving layers between documents
 - I. Colorizing with an adjustment layer
 - J. Grouping and clipping layers
 - K. Inverting a mask
 - L. Using type as a mask
- VII. Typographic Design
 - A. About type
 - B. Creating a clipping mask from type
 - C. Creating a design element from type
 - D. Warping point type
 - E. Designing a paragraph of type
 - F. Warping a layer
- VIII. Vector Drawing Techniques
 - A. About bitmap images and vector graphics
 - B. About paths and the Pen tool
 - C. Using paths with artwork
 - D. Importing a Smart Object
- IX. Advanced Compositing
 - A. Assembling a montage of images
 - B. Applying filters
 - C. Applying Smart Filters
 - D. Adding drop shadows and a border
 - E. Painting a layer
 - F. Upscaling a low-resolution image
- X. Advanced Layering
 - A. Placing imported artwork
 - B. Adding artwork in perspective
 - C. Adding a layer style
 - D. Adding an adjustment layer
 - E. Managing layers
- XI. Preparing Files for the Web
 - A. Working with a web page mockup
 - B. Optimizing images
 - C. Exporting HTML and images
 - D. Creating a web gallery