

**WEB 111**  
**INTRODUCTION TO WEB GRAPHICS**

**COURSE DESCRIPTION:**

Prerequisites: None

Corequisites: None

This course introduces the creation of web graphics, and addressing problems peculiar to WWW display using appropriate software. Topics include web graphics file types, optimization, RGB color, web typography, elementary special effects, transparency, animation, slicing, basic photo manipulation, and other related topics. Upon completion, students should be able to create graphics, such as animated banners, buttons, backgrounds, logos, and manipulate photographic images for Web delivery. Course Hours per Week: Class, 2. Lab, 2. Semester Hours Credit, 3.

**STUDENT LEARNING OUTCOMES:**

Upon successful completion of this course, the student will be able to

- a. Edit a photo.
- b. Use selection tools.
- c. Work with layers.
- d. Draw and paint with color.
- e. Enhance and repair photos.
- f. Apply filters and patterns.

**OUTLINE OF INSTRUCTION:**

- I. Editing a Photo.
  - A. Start Photoshop and customize the Photoshop workspace.
  - B. Open a photo.
  - C. Resize a photo.
  - D. Print a photo.
  - E. Close a file.
  - F. Quit Photoshop.
  
- II. Using Selection Tools.
  - A. Select objects using the marquee tools.
  - B. Move a selection.
  - C. Make transformation edits.
  - D. Add and subtract areas from selections.
  - E. Print to a PDF file.

### III. Working with Layers.

- A. Set layer properties.
- B. Hide, view, and rearrange layers.
- C. Create a new layer from another image or selection.
- D. Resize a layer.
- E. Create layer masks.
- F. Create a layer style.

### IV. Drawing and Painting with Color.

- A. Create a new file, starting with a blank canvas
- B. Apply a gradient background.
- C. Choose colors using a variety of tools and dialog boxes.
- D. Use brushes to draw lines, shapes, and strokes.
- E. Insert real images combined with drawn images.
- F. Create a stroke layer.

### V. Enhancing and Repairing Photos.

- A. Convert an image to Grayscale mode.
- B. Apply blending modes.
- C. Fill using Content-Aware.
- D. Repair documents with aging damage.
- E. Correct red eye.
- F. Remove or correct angle and perspective distortions.

### VI. Applying Filters and Patterns.

- A. Select colors using the Color panel.
- B. Use the Filter Gallery to create special effects.
- C. Retouch images with the Liquify filter.
- D. Create Smart objects.
- E. Adjust type.
- F. Convert to CMYK.