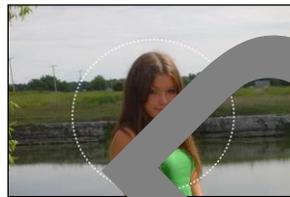# Session 3 Extension Activity: Advanced Cropping

Discover new ways to trim images in this extension activity. Follow the instructions to crop your photos into shapes, such as an oval, circle, or polygon. Afterwards, use a stencil to crop a picture into a word. Finally, learn how to straighten crooked photos to improve image quality.
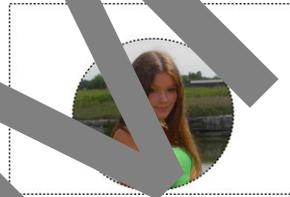
Activity One: Crop a Picture into a Shape

Scrapbook pages are fun to look at when the pictures are cropped into different shapes such as an oval, circle, or polygon. Follow the instructions to crop your picture into fun looking designs.

1. Open Photoshop and a photo of your choice or use the *crop* photo in the Photoshop folder.

2. Duplicate the image.

3. From the Tools panel, select the *Elliptical Marquee Tool (M)*. ⬭

4. Draw an oval around an area <u>or</u> hold the SHIFT key to draw a perfect circle.

To move the marquee, click inside the dotted line, and then drag to a new location.

5. Remove the background:
   a. From the Select menu choose *Inverse* or right click on the picture and from the menu choose *Select Inverse*.
   b. The background should be selected. Press the DELETE key.
   c. In the Fill dialog box, select *White* in the Content section. Click *OK*.

Notice how the dotted line surrounds the background.

6. Fill the background with color:
   a. Click the *Paint Bucket tool* (G). 🪣
   b. At the bottom of the Tools panel, select a color by clicking on the *Set the foreground color* swatch.
   c. From the color spectrum, select a color then click *OK*.
   Click on the selected background to fill the area with color.

7. To remove the selection box, select *Deselect* from the Select menu.

8. Trim the picture, use the *Crop tool* (C) ⛶.
   Remember to click *Commit current crop operation* ✓ to remove the unwanted area.

9. Save the picture as **Crop Shape** as a JPEG.
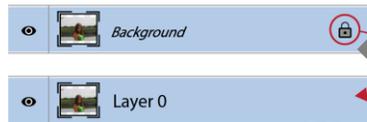
10. Close the photo but keep the program open.

Want to have more fun with cropping? Use the Polygonal Lasso Tool ⬡ to select an interesting shape.

Activity Two: Fill a Word with a Picture

Scrapbook pages are fun to read when the words are filled with a picture. Follow the instructions to crop your picture into the shape of letters.

1. Launch Photoshop if not already open.

2. Open a photo of your choice or use the *crop* photo from the *Photoshop* fol̶d̶

3. Duplicate the image.

4. Unlock the background:
   a. Double click the background in the Layers panel.
   b. In the New Layer dialog box, click *OK*. The background is unlocked.

5. Select the *Horizontal Type Mask tool* (T) or ̶ ̶t̶i̶c̶a̶l̶ ̶ ̶e̶ Mask ̶ ̶ ̶l̶ (T) f̶ ̶ the Tools panel.

6. Format the appearance of the stencil
   a. From the *Set the font family* box choose a font that has wide letters such as *Wide Latin*, C̶ ̶ ̶ ̶er Blac̶ ̶ ̶ ̶o̶u̶ ̶ ̶Stout*, or *Stencil*.
   b. In the *Set the font size* box ̶ ̶ ̶ ̶t̶ typ̶ ̶ ̶ ̶font size such as **36** pt. Press ENTER.
   c. Set the alignment to *Left alig̶ ̶te̶ ̶ ̶ ̶ or *Top ̶ ̶ ̶ ̶ text*

7. Write the word:
   a. Click where yo̶ ̶ ̶ant to positio̶ ̶ ̶ he firs̶ ̶ ̶ ter. The background changes to red to show a mask. ̶ ̶ ̶ ̶protects ̶ ̶ ̶ area ̶ ̶ ̶ being changed.
   b. Type a **word**. It ̶ ̶ ̶t til ̶ ̶ ̶ the pic̶ ̶ ̶re. If it does not, reduce the font size.
   c. Warp the text into ̶ ̶ape ̶ ̶ ̶ ̶ak̶ ̶ the letters wider such as *Bulge* using the *Create warped text* ̶ ̶ ̶ ̶ from ̶ ̶ ̶ptions bar.

8. Resize ̶ ̶ ̶ ̶ e the stencil:
   a. Clic̶ ̶ he c̶ ̶ ̶ ̶ nd drag ̶ ̶ stencil. Or click the *Move Tool* (M) from the Tools pan̶ ̶ ̶ ̶f necess̶ ̶ ̶ ̶ ̶ *Show Transform Controls* on the Options bar.

   IMPOR̶ ̶ ̶ ̶ ̶ the background is not red, click the *Quick Mask Mode* tool on the bottom ̶ ̶ ̶he Tools panel. The background will become red and the tool will now be solid ̶ ̶ Now you can move the stencil.

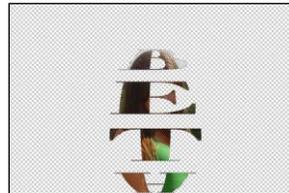   ̶ ̶ou ̶ ̶ ̶ a mis̶ ̶ ke, from the Edit men̶ ̶ ̶ lick *Step Backward* or press A̶ ̶ ̶ CTRL + Z.

   IMPORTANT
   Do not resize or move the stencil if the red background mask is not on. The mask protects the background area marked in red from being changed.

   c. Click and drag a control handle to adjust the size of the stencil.
   d. Click and drag on the center of the stencil ▶ to position on the background.
   e. Click the *Commit any current edits* tool ✓ on the Options bar.

9. Remove the background:

   a. Now that the stencil is made, remove the mask. Click the *Quick Mask Mode* ◼ tool on the bottom of the Tools panel. The background will now be displayed, and the tool will be transparent ⊡ .

   b. If there is no dotted line around the stencil, from the Select menu, select *Reselect*.

   c. From the Select menu, click *Inverse* or right click on the stencil and from the menu choose *Select Inverse*. Now the background should be selected.

   d. Press the DELETE key. The background is filled with the transparent grid pattern.

If the background is transparent it is because background is locked. Re. Step 4.

10. Fill the background with color: (The background should be selected)

    a. Click the *Paint Bucket Tool* (G) .

    b. At the bottom of the Tools panel, select a color by clicking on the *Set foreground color* swatch ◼.

    c. From the color spectrum select a color, then click OK.

    d. Click on the selected background to fill the area with color.

11. To remove the selection box, choose *Deselect* from the Select menu, or right click on the image, and pick *Deselect* from the menu.

12. To trim the picture, use the Crop Tool (C) . Remember to click *Commit current crop operation* ✓ to remove the unwanted area.

13. Save the picture as **Crop Word** as a JPEG.

14. Close the photo but keep the program open.

Activity Three: Straighten a Picture

Improve the quality of your photos. You may have a crooked photo that would look better if it was straighter. Follow the instructions to crop using the Straighten option. This option allows you to set the horizon line and then apply a Content-Aware feature to complete the picture.

1.   Launch Photoshop if not already open.

2.   Open a photo of your choice that is crooked or use the *tree* photo.

3.   From the Image menu, select *Duplicate*. Click *OK*.

4.   Click the *Crop Tool* (C) 🔲. From the Options bar select *Straighten* 🔲.

5.   Draw a line to represent the horizon.

6.   The image is straightened and cropped. Notice the areas where you lose a lot of your picture. The grey portion of the selection will be cropped from the picture.

7.   Click *Content-Aware* from the Options bar. The area to be cropped is adjusted.

The portion outside the selection will be cropped from the picture.

The corners inside the selection will be automatically filled.

8.   Drag the selection handles to include or exlude any area of the photo.

Click *Commit current crop operation* ✔ to complete the operation.

10.   Save the picture as **straighten** as a JPEG.

11.   Close Photoshop.