


Session 3 Extension Activity: Advanced Cropping Techniques

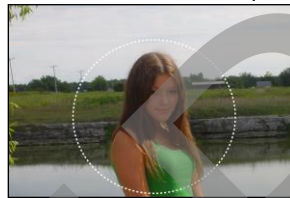
In this extension activity, you will discover new ways to trim images. Follow the instructions to crop your photos into shapes, such as an oval, circle, or polygon. Afterwards, use a stencil to crop a picture into a word. Finally, learn how to straighten crooked photos to improve image quality.



Activity One: Crop a Picture into a Shape

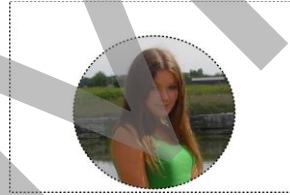
Scrapbook pages are fun to look at when the pictures are cropped into different shapes such as an oval, circle, or polygon. Follow the instructions to crop your picture into fun looking designs.

1. Open Photoshop CC.
2. Open a photo of your choice or use the *crop photo* located in the *Photoshop* folder.
3. From the Image menu, select *Duplicate*. Click *OK*.
4. From the Tools panel, select the *Elliptical Marquee Tool* .
5. Draw an oval around an area or hold the *SHIFT* key to draw a perfect circle.





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



6. 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 Contents: section. Click *OK*.




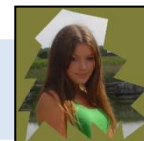
Notice how the dotted line surrounds the background.

7. Fill the background with color:
 - a. Click the *Paint Bucket Tool* . Press *G* on the keyboard to find the *Paint Bucket Tool*.
 - 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.



8. To remove the selection box, select *Deselect* from the Select menu.
9. To trim the picture, use the *Crop Tool* .
Remember to click *Commit current crop operation*  to remove the unwanted area.
10. Save the picture as **Crop Shape** as a JPEG.
11. Close the photo but keep the program open.

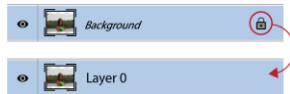
Want to have more fun with cropping? Use the *Polygonal Lasso Tool*  to select an interesting shape.



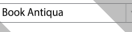









Activity Two: Fill a Word with a Picture

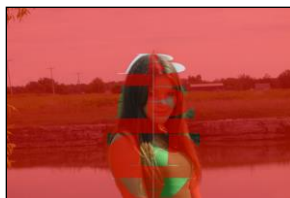
Scrapbook pages are fun to read when the words are filled with a picture. Follow the instructions to crop your picture into the shape of letters.

1. Photoshop CC should already be open, if it is not, open Photoshop CC.
2. Open a photo of your choice or use the *crop* photo located in the *Photoshop* folder.
3. From the Image menu, select *Duplicate*. Click OK.
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*  or *Vertical Type Mask Tool*  from 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*, *Cooper Black*, *Goudy Stout*, or *Stencil*.
 - b. In the *Set the font size* box  type a font size such as **36** pt. Press ENTER.
 - c. Set the alignment to *Left align text*  or *Top align text* .
7. Write the word:
 - a. Click where you want to position the first letter. The background changes to red to show a mask. The mask protects the area from being changed.
 - b. Type a **word**. It must fit over the picture. If it does not, reduce the font size.
 - c. Warp the text into a shape that makes the letters wider such as *Bulge* using the *Create warped text* tool  from the Options bar.
8. Resize and move the stencil:
 - a. Click the CTRL key and drag the stencil. If this does not work, click the *Move Tool*  from the Tools panel. If necessary, click *Show Transform Controls* on the Options bar.
IMPORTANT! If the background is not red, click the *Quick Mask Mode* tool  on the bottom of the Tools panel. The background will become red and the tool will now be solid . Now you can move the stencil.

If you make a mistake, from the Edit menu, click *Step Backward* or press ALT + CTRL + Z.





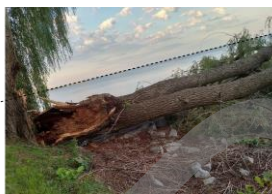
IMPORTANT
Do not resize or move the stencil if the red background mask is not on. The mask protects the background area marked in red from being changed.

- 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.

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. Photoshop CC should already be open, if it is not, open Photoshop CC.
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* . 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 of 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 exclude any area of the photo.
9. Click *Commit current crop operation*  to complete the operation.



10. Save the picture as **straighten** as a JPEG.
11. Close Photoshop CC.