

# Digital Imaging 1

## Practice Edges

### Practice skills

- Make and observe differences in selections with alias and anti-alias edges.
- Make and observe selections with feathered edges.

**Resource Files:** Images used in this practice: “Eiffel Tower” (“Samples...” folder in lab or download from Blackboard.). Save image with your initials in your class folder.

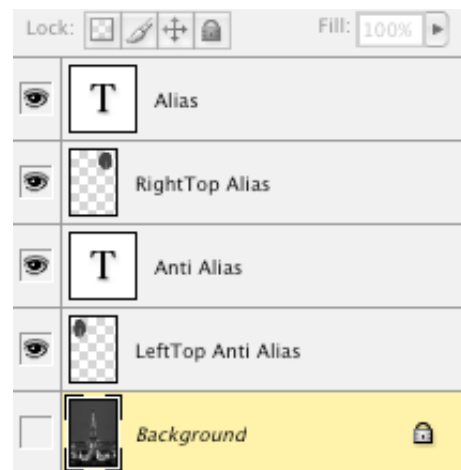
### Procedure:

#### Version 1—Elliptical Marquee using Anti-alias

1. With the image open, select the elliptical marquee tool. Look at the Tool Options. Anti-alias is checked by default. (Anti Alias smooths angular and curved selections.)
2. Make an elliptical selection around the top portion of the tower.
3. Edit> Copy (Command+c Mac; Control+c Windows).
4. Edit>Paste (Command + v Mac; Control+c Windows). Notice a layer was added above the original *background* layer.  
*Note: If a selection was made from a white background, white fringe pixels would show against a lower layer with a dark background. This is from the anti-aliasing. To get rid of these fringe pixels on a transparent layer, use Layer>Matting>Defringe.*
5. Turn off (hide) the *Background* layer by clicking on the eye next to the layer. The new layer and its selection is now visible.
6. Name this new layer “anti-alias edges” on the layers panel. **Move it to the upper left corner of the page.**
7. Select the type tool and type “anti-alias”. (This adds another layer above the current selected layer.)  
*Note: The type tool options allows you to change the type font, size and style. Select the 12 point default size. Choose a larger type size if 12 point seems too small.*
8. Drag the type layer so the words “anti alias” are below the image..
9. Turn off the anti-alias layers (image and type) by clicking on the eyes. Save PSD.
10. Select *Background* layer, turn it on and *continue*.

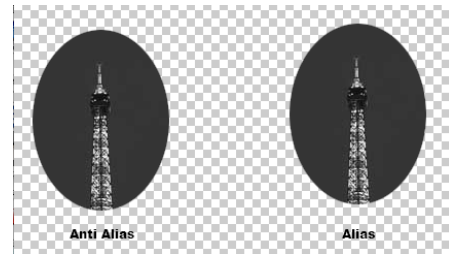
#### Version 2—Elliptical Marquee using Alias

1. Select the elliptical marquee tool. **Turn off the “anti-alias” in the Options Bar.** (Uncheck it.)
2. Make an elliptical selection around the top of portion of the tower.
3. Edit> Copy the selection. (Command + c Mac; Control + c Windows).
4. Edit>Paste (Command + v Mac; Control + c Windows). This pastes the image above the previously selected layer.
5. Turn off (hide) *background* layer by clicking on the eye again.
6. Name the new layer “alias”. Move this oval selection to the upper right corner of page.



7. Select the type tool and type “alias edges”. Move the type layer up below the copy of the tower top on the top right.
8. Turn off the alias layers (image and type) by clicking on the eyes. Save PSD.
9. Select *Background* layer, turn it on and *continue*.

*The first two selections with their labels would look like the example above if the “Background” layer is turned off.*



### Version 3—Elliptical Marquee—Feathering

1. Select the elliptical marquee tool. Turn on anti-alias option back on.
2. .Makc a larger oval selection around a larger area of the Eiffel Tower.
3. Click on “Refine Edge” button on the right side of the Tool Options Bar. Drag the slider for feathering to 20+. The Expand and Contract options can be adjusted as well.  
*A feathering amount can be added on the options bar. But you can’t see the results. The number of feathering pixels will have a different effect depending on resolution of image. This is a 72 dpi (low res) image so it doesn’t require as high a number to make a real feathered edge..*
4. Edit> Copy (Command + c Mac; Control + c Windows).
5. Edit>Paste (Command + v Mac; Control + v Windows). Notice another new layer is created above the *background* layer.
6. Turn off (hide) *Background* layer again by clicking on the eye.
7. Name the new layer “feathered edges”. Move this layer below and centered to other selections. See example below.
8. Select type tool and type “feathered edges” + amount of feathering applied. Move type layer below the feathered image of the tower.
9. Turn on all the layers except the *background*. The 3 selections with type layer should look like the example below.
10. Add a type layer with your name and save PSD file with your name.

**Submission:** Submit to instructor as directed and get checked off for completed work.

