



# Adobe Illustrator CS5

## Part 3: Real World Illustrator

Summer 2011, Version 1.0

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# Introduction

Adobe Illustrator CS5 is used to create graphics and type in vector format. Vector graphics are made up of points, lines, and curves that are defined by mathematical equations. Vector graphics are resolution independent, which means that they can be resized to any size without losing quality. This handout provides a practical approach to learning Illustrator CS5 by including real world examples. The lessons are centered around a fictitious flower shop and cover how to create a company logo, a customized PowerPoint template, a birthday party invitation for an employee, a company letterhead, and a business card.

## Downloading the Data Files

This handout includes sample data files that can be used for hands-on practice. The data files are stored in a self-extracting archive. The archive must be downloaded and executed in order to extract the data files.

- The data files used with this handout are available for download at <http://www.calstatela.edu/its/training/datafiles/illustratorcs5p3.exe>.
- Instructions on how to download and extract the data files are available at <http://www.calstatela.edu/its/docs/download.php>.

## Starting the Program

The following steps are for starting Illustrator CS5 using the computers in the ITS Training Program computer labs. The steps for starting the program on other computers may vary.

To start Illustrator CS5:

1. Click the **Start** button, click **All Programs**, click **Adobe Design Premium CS5.5**, and select **Adobe Illustrator CS5.1**.


## Logo

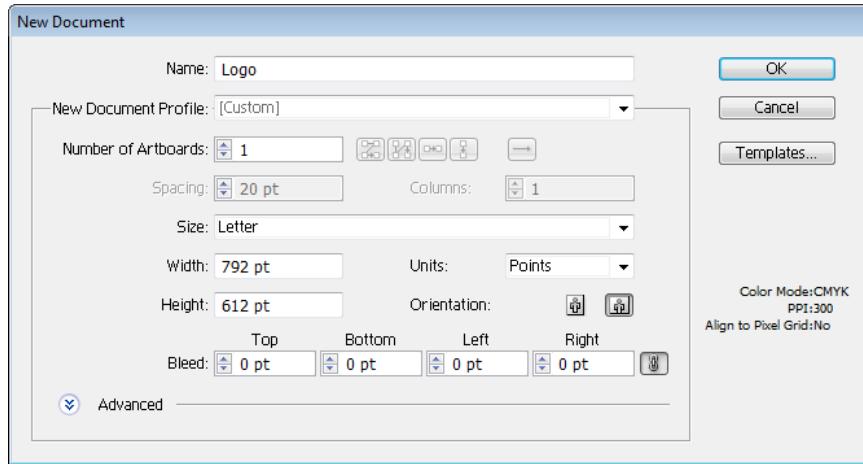
A company is easily recognized by its logo. When creating a logo, visualize the company, the clients, and the aim of the business. This will help in creating a logo which represents the company. This section consists of creating a logo for a flower shop.

### Creating a Logo


This lesson consists of creating a flower that will be used in the logo of the flower shop.

To create a logo:

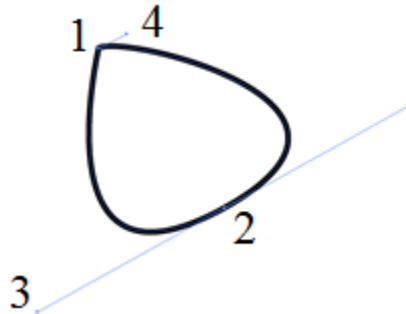
1. Click the **File** menu and select **New**. The **New Document** dialog box opens (see Figure 1).
2. Type **Logo** in the **Name** box.
3. Select **Print** from the **New Document Profile** list.
4. Select **Letter** from the **Size** list.
5. Next to **Orientation**, click the **Landscape** button .
6. Click the **OK** button.





**Figure 1 – New Document Dialog Box**

7. To draw a petal, select the **Pen** tool  in the **Tools** panel.
8. Click anywhere on the artboard to create the first anchor point (see point 1 on Figure 2), click and hold down the mouse button to create the second anchor point (see point 2 on Figure 2), drag outward (see point 3 on Figure 2) to create a curved path, and then release the mouse button.
9. Click and hold down the mouse button on the first anchor point (see point 1 on Figure 2), drag outward (see point 4 on Figure 2) to create a curved path, and then release the mouse button to complete the petal.

NOTE: As you drag, direction handles appear on both sides of the anchor point (see Figure 2). The angle and length of the direction handles determine the shape and size of the curved segment.



**Figure 2 – Creating a Petal with the Pen Tool**

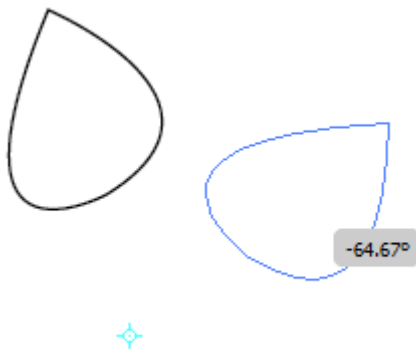
10. Click the **Select** menu and select **Deselect**.
11. Select the **Selection** tool  in the **Tools** panel, and then select the petal on the artboard.
12. To copy the petal, select the **Rotate** tool  in the **Tools** panel.
13. On the artboard, click below the petal to reposition the reference point (see Figure 3).

NOTE: Rotating an object turns it around a reference point.

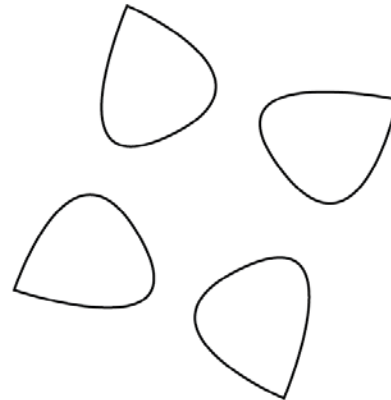


**Figure 3 – Petal with Reference Point**

14. Hold down the **Alt** key and drag the petal in a circular motion to rotate a copy of the petal (see Figure 4). Release the mouse button and then the **Alt** key.
15. Repeat steps 12 through 14 to create two additional petals (see Figure 5).

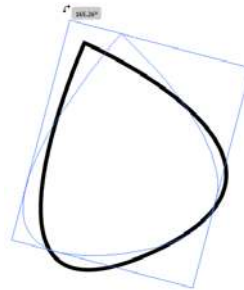


**Figure 4 – Copying and Rotating the Petal with the Rotate Tool**




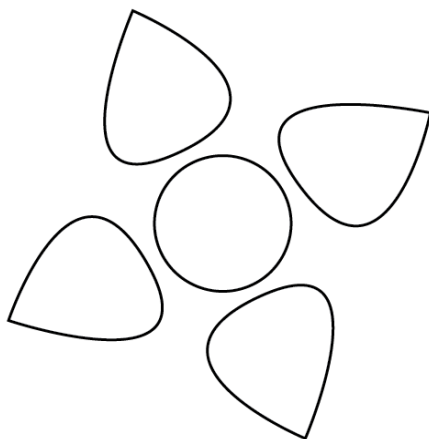
**Figure 5 – Four Petals of the Flower**

NOTE: Use the **Selection** tool to move, rotate, or resize the petals as needed (see Figure 6).

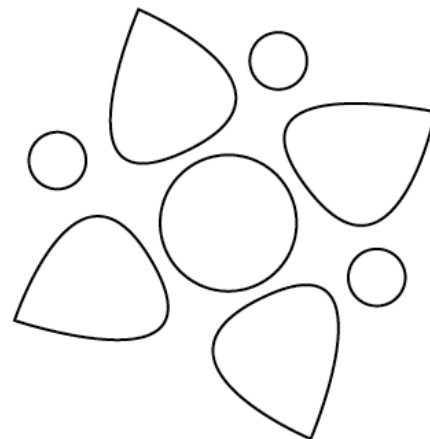


**Figure 6 – Rotating a Petal**

16. Select the **Ellipse** tool  in the **Tools** panel.
17. On the artboard, hold down the **Shift** key and drag to draw a circle in the middle of the petals (see Figure 7).
18. Create three additional circles around and in between the petals. Leave the last space open for the stem (see Figure 8).



**Figure 7 – Circle Added in the Middle of the Petals**




**Figure 8 – Circles Added Around the Petals**

19. With the **Pen** tool, draw the stem of the flower (see Figure 9).

NOTE: Clicking an anchor point removes one of the direction handles. This removes any influence on the next anchor point.



Figure 9 – Stem Created with the Pen Tool

NOTE: Use the **Direct Selection** tool  to make any adjustments to the shape of the curved segments.

20. With the **Pen** tool, draw a branch for the flower (see Figure 10).



Figure 10 – Branch Created with the Pen Tool

21. To create the second branch, with the **Selection** tool, select the branch on the artboard.  
22. Right-click the branch, point to **Transform**, and select **Reflect**. The **Reflect** dialog box opens (see Figure 11).

23. Under **Axis**, select the **Vertical** option.

NOTE: To preview the effect on the artboard, select the **Preview** check box.

24. Click the **Copy** button to duplicate the branch.

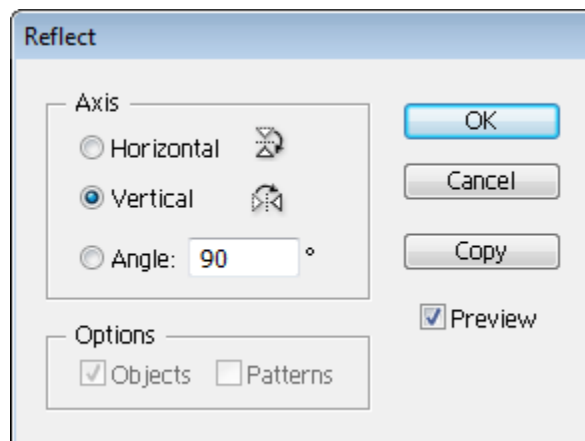


Figure 11 – Reflect Dialog Box

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