

lab::drawing basics

1. Open the Week 02 lab template located in the folder called GD_121C on the Data Drive. Immediately select Save As... from the File menu and save your document to the Data Drive in the same folder. Title the document with your name plus the file extension for Illustrator (.ai).
2. Go to the Swatches palette (Window > Swatches). From the palette submenu, choose *Select All Unused* then click on the Trash icon in the palette. If green and yellow colors remain, remove them by clicking and dragging them individually onto the palette's Trash icon.
3. Go to the Colors palette (Window > Color). From the palette submenu, select CMYK and click on the Fill box in this Color palette. Create a color with the following specs: C: 10, M: 100, Y: 100, K: 10. Drag the new color from the Fill box to the Swatch palette. This is the color you will use throughout the rest of the lab.
4. Go to the Layers palette (Window > Layers). In the Layers palette, create a new layer. Name it *Artwork* and assign it a color of *Orange*. This will be your artwork layer (where you will create your illustration). Also, make visible the layer named *Template One*.
5. Using the Ellipse tool, create a circle by single-clicking in your work area. Enter 3.444 in (inches) in the height and width fields. Click *OK*.
6. Color the stroke using the red tint you added to the Swatch palette, and leave the fill at *None*. Set your stroke to 12-points (Window > Stroke).
7. Turn on your "Smart Guides" by going to View > Smart Guides (Command-U). This will snap your objects to your template so that you don't have to do any guesswork.
8. Select the circle you just created, and move it directly over the circle in your template. It should snap into place when it is in the correct position.
9. Copy your circle by selecting it and choosing Edit > Copy (Command-C) and then select Edit > Paste In Front (Command-F). Paste In Front places the copied object in the exact same position as the original object.
10. Keeping your newly pasted circle selected, grab the Scissors tool (C) and click on the two side (left and right) anchor points—this will slice your path in two. Once your path is cut, select and delete the bottom path with the Select tool (V). You may have to deselect the current object by clicking anywhere on the art board before you can select only the bottom path.

11. Select the new open arch with the Select tool (V) and drag the top-center object handle until the arch matches the template.
12. Using the Ellipse tool (L), create a circle over the left "eye" in the template. (Hint: hold down the Option and Shift keys and drag out from the middle of the eye.) Remember that you can move a shape around as you are drawing it by holding down the space bar (Use the Smart Guides to your advantage here). Give it an 8-point stroke, and a fill of *None*.
13. Again with the Ellipse tool, create a smaller circle inside the left eye. Give it a fill of red and a stroke of *None*. Using the Select tool, hold down the Shift key and select both the inner and outer circles of the eye, then select Object > Group. Copy and paste this new grouped "eye" and move it to align with the right eye in the template.
14. Using only two anchor points and the Pen tool (P), draw the smile of the face. Give it an 8-point stroke and a fill of *None*.
15. Make visible the *Template Two* layer so that the "body" and "left arm" are visible.
16. With the Pen tool, trace the body of the image (ignoring the left arm) by drawing straight lines. Assign the path a stroke of 8 points and a fill of *None*.
17. Again with the pen tool, trace over the left arm with straight lines.
18. With the Selection tool, do the following in one step: Select the left arm, begin to drag the arm to the right, then depress the Shift key (to constrain the object's movement) and Option key (to make a copy of the object) simultaneously, and slide the object to the right of the body. This should create a copy of the selected object.
19. With the new arm still selected, select the Reflect tool (O) and move the center point to the top-right anchor point of the object. Hold down the Shift key and click on the object, rotating and reflecting the object until it's in its final position.
20. With the Pen tool, draw a short line that matches the template line at the bottom-left of the body. Give it an 8-point stroke and a fill of *None*.
21. Select the short line with the Select tool, and go to Object > Transform > Move. Enter -.25 as the Horizontal Position (which should move the object to the right), and 0 as the Vertical Position. (Select the Preview checkbox to preview the move. If the object is moving in the wrong direction, change -.25 to +.25) Click the Copy button (not OK) to commit your changes.
22. With the new short line selected, select the Object > Transform > Transform Again menu item. This repeats the last transformation on the current selected object (Command-D is the shortcut key for this command). Repeat this step a 15 more times (for a total of 17 lines).
23. Hide both of the Template layers, perform one final Save and close your document.