Professor Neuringer

04 Drawing with the Pen

1. Open **04start_1.ai**
2. File > Save As **LastName_Path1.ai**
3. Option + Command + 0 (Fits both artboards into window)
4. Tab – Hides panels
5. View > Smart Guides and deselect them
6. Control Panel click Fill and set as none
7. Control Panel click Stroke and make sure 1 pt
8. Pen Tool (P)
9. Notice mark next to pen. Indicates you are starting a path
10. Create a zigzag pattern
11. Get Selection Tool. All anchor points become solid
12. Deselect (a) click empty area, (b) Menu > Select > Deselect, with Pen Tool Command Click
13. Direct Selection Tool – Pick one anchor point and reposition it
14. Menu > Select > Deselect
15. Direct Selection Tool, click on any line segment
16. Menu > Edit > Cut (Cmd X)
17. Select the Pen Tool and place it over open anchor point (changes to forward slash) click
18. Go to place to join and you see merge symbol and rejoin path.
19. Practice in work area
20. File Save

Straight Lines

1. Open 04start_2.ai
2. File > Save As **LastName_Path2.ai**
3. View > Smart Guides and select them
4. Pen Tool click once
5. Move pointer to right 1.5 inches and click
6. Hold shift key and continue to click (constrains to 45 degrees)
7. Practice in Work Area
8. File Save

Curved Paths – draw smooth, curved lines

1. Open 04start_3.ai
2. File > Save As **LastName_Path3.ai**
3. View fit all in window
4. Control Panel click Fill and set as none
5. Control Panel click Stroke and set to Black and make sure 1 pt
6. Pen Tool Click in any area
7. Click in another area and drag with mouse. (Directional handle appears)

Build a Curve

1. Press Z to get Zoom Tool. Zoom in on A. Arch.
2. View > Smart Guides is checked
3. Pen Tool click on left base size if arch and drag up and release mouse.
4. Click on lower right base of arch and drag down.
5. If not perfect get Direct Selection Tool and adjust handles
6. File > Save
7. Zoom out (Cmd 0) to see whole page, then zoom in on B by dragging a marquee around B area.
8. Pen Tool - Click left point drag up.
9. Click next square point to the right and drag up
10. Continue along path, alternating up and down.
11. Adjust with Direct Selection Tool as needed
12. Practice ion Work area
13. File Save

Converting curved points to corner points

1. Open 04start_4.ai
2. File > Save As **LastName_Path4.ai**
3. View fit all in window
4. Press Z to get Zoom Tool. Zoom in on Path A.
5. Control Panel click Fill and set as none
6. Control Panel click Stroke and set to Black and make sure 1 pt

7. Select Pen Tool and press Shift clicking on the first point and dragging up.

8. Click on the second point and drag down without releasing mouse

9. Press Option Key and position the pointer over the last point created

10. Release the mouse and then the Option Key. (You should see a carat, little open arrow)

11. Click on the next square and drag down.

12. Press the Option key after the carat appears and drag up. Bottom handle disappears.

13. Continue across

14. File Save.

1. View >Fit Artboard on the window (Cmd + 0)

2. Pen Tool click first anchor point and drag up on Path B holding Shift key down

3. Click on the second anchor point drag down and release mouse

4. We will switch from curved line to straight line. Hold down the Option Key and click on the second anchor point to eliminate the downward handle.

5. Hold down the Shift Key and click on the third square and drag down.

6. Click on the 4th square and drag up

7. Repeat across row.

8. File Save.

Creating a Pear Illustration

1. Open L4start.ai

2. Use hand tool to move around (spacebar)

3. File > Save As > W5_LastName_pear.ai

4. Create Arrow – View > Straight Line

5. View > Hide Bounding Box

6. Pen Tool Click on point A (see X)

7. Click on point B (see carat)

8. Select > Deselect (Or Command Shift A)

9. Selection Tool click on straight line to select

10. Window > Stroke and make it 3 pts

Splitting the Path

1. Get scissor Tool (C) (hidden under the Eraser Tool) and click in middle of line
   Cuts must be made on straight line no anchor points

2. Position Direct Selection Tool position over cut and drag to widen gap.

Adding Arrowheads

1. Window > Stroke
2. Select left or right arrows as you wish.
3. End arrows also available.

Drawing Leaf

1. View > Leaf
2. Position Pen over point A on template and drag from point A to red dot. Release mousr
3. Press mouse and drag from point B to the next red dot and release the mouse.
4. Click on C and drag to the red dot
5. Hit command and click to indicate end of path
6. Move leaf bottom to Leaf step 2
7. Click on point A and drag to red dot
8. Click on point B and drag to red dot to close the shape for the leaf

Converting between smooth points and corner points

1. View > Stem
2. Direct Selection Tool position cursor over point A and click anchor point to display handles
3. Select Convert Anchor Point Tool (pen hidden tool) and select the left direction line and drag to gold dot on right and release mouse
4. Use convert anchor point tool and select bottom anchor point B and drag to red dot to covert corner to smooth point
5. Direct Selection tool click on top anchor point to select it. Control panel choose Cut Path at selected anchor points.
6. Drag left and then select both open points (shift click or drag a marquee) and choose Connect selected end points from Control Panel.
7. File Save.