

ENGL 380 ASSIGNMENT #4: ILLUSTRATOR LINE DRAWING

Using Adobe Illustrator, you are to create a technical line drawing based on this photo of an iPod:
<http://www.flickr.com/photos/aschwerinmoses/1966387211/>.

deliverables: iPod illustration (print copy) + cover memo
due: at the beginning of class on **Tues, Nov 2**

Objectives

- to become familiar with some of the drawing tools in Adobe Illustrator
- to create a vector line drawing by tracing a photo
- to practice creating callouts, applying Tufte's concept of "smallest effective difference"

Document Requirements

- use Illustrator to create a vector-based drawing of the iPod photo provided
 - include a **title**, and a minimum of 4 **callouts** that label or explain parts of the object
 - **attribution** of the creator of the original photo (see link above)
 - format for an 8.5 x 11 page
 - submit a **print copy** of your illustration along with a **cover memo**
- optional: generate a .pdf for your online portfolio

Evaluation

- illustration is complete and meets requirements (see above)
- illustration is labeled with title and 4 or more callouts (straight line, no arrows)
- applies Tufte's principle of "smallest effective difference" to good effect
- overall neatness and execution

Notes on a few Illustrator tools ...

To draw a perfectly symmetrical shape (e.g., a circle, square):

1. Click the Rectangle Tool. (Hold down the mouseclick on this tool to see more shape options.)



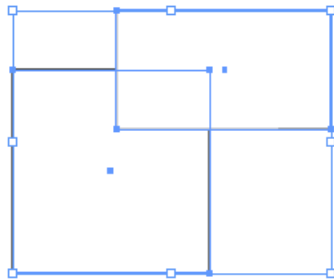
2. Hold down the shift key as you click and drag to draw your shape. Release the mouse click, then release the shift key.

To combine two shapes:

1. Click the Selection Tool.



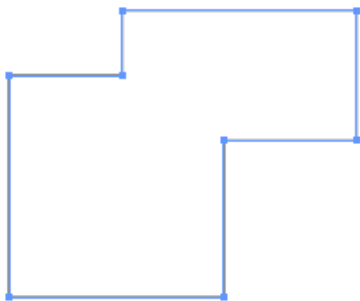
2. Hold down the shift key while clicking each shape to select it.




3. Click the Shape Builder Tool. Drag your mouse pointer across the two shapes to select them. (The areas inside each shape will fill in, and a plus-sign appears next to your mouse pointer.)

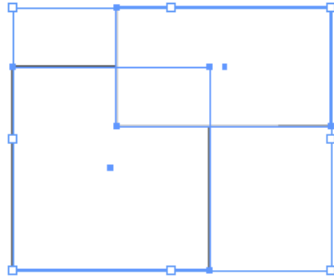


Release the mouse. The shapes combine.



To subtract an area from two overlapping shapes:

1. Click the Selection Tool. 
2. Hold down the shift key while clicking each shape to select it.



3. Click the Shape Builder Tool.



Hold down the Alt key (or Option key) while dragging your mouse pointer across the two shapes to select the areas you want to delete. (The areas inside each shape fill in, and a minus-sign appears next to your mouse pointer.)

4. Release the mouse. The selected areas disappear.

Online resources for using the Shape Builder Tool:

- http://help.adobe.com/en_US/illustrator/cs/using/WS25dc2c49b27459df-48f308d0124fd028302-7fff.html
- <http://tv.adobe.com/watch/learn-illustrator-cs5/creating-complex-art-with-the-shape-builder-tool/>

To draw a rectangle (or other shape):

1. Click the Rectangle Tool. (Hold down the mouseclick on this tool for more shape options.)
2. Hold down the shift key as you click and drag to draw your shape. Release the mouse click, then release the shift key.

Notes:

- To draw a perfectly symmetrical shape (e.g., a circle, square), hold down the shift key as you draw your shape. Once you've drawn your shape, release the mouse click first, then release the shift key.
- To draw a rounded rectangle and control the roundness of the edges, choose the Rounded Rectangle tool, click once on the artboard, then enter Width, Height, and Corner Radius values. (You may need to experiment a little to get your curved edges to match the iPod photo.)