## Adobe Illustrator Crash Course

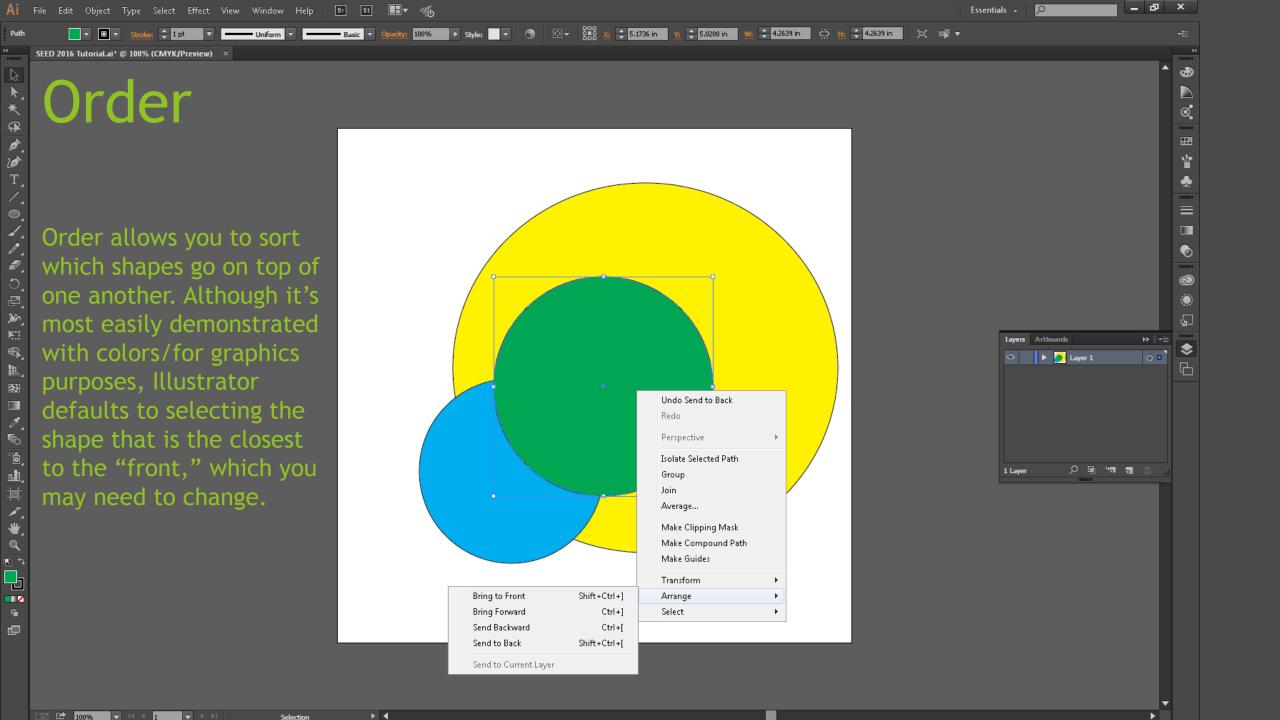
Moderate: Complex Shape Editing

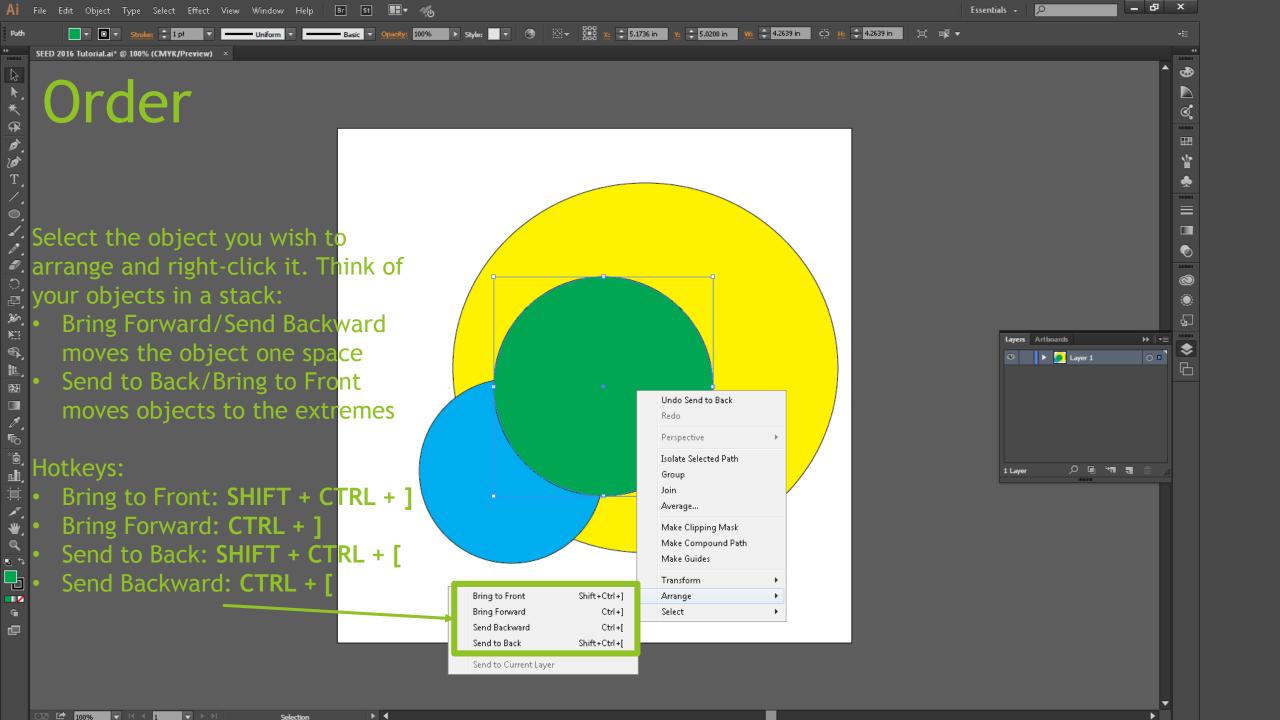
## Overview

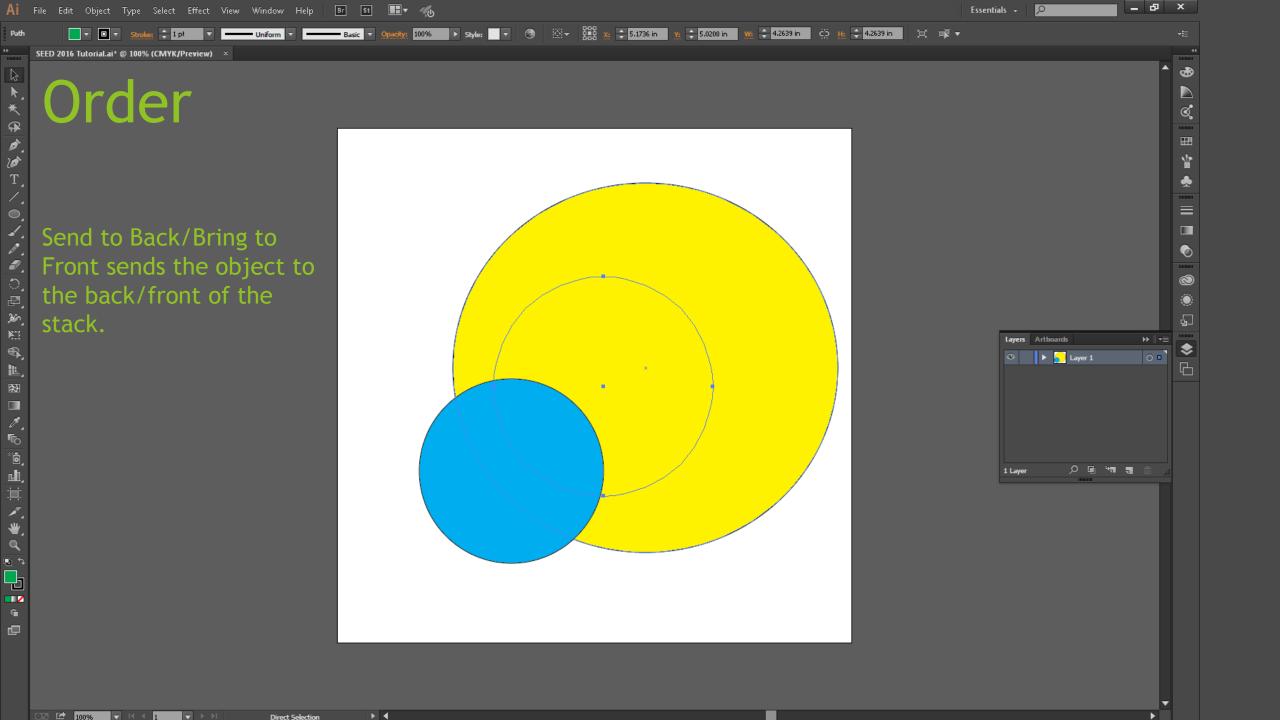
- You should have read the Superbasics & Basics tutorials and can navigate Illustrator, use basic terminology, and create/edit simple shapes
- We will now study how to manipulate these shapes in a more advanced way to create more complicated parts

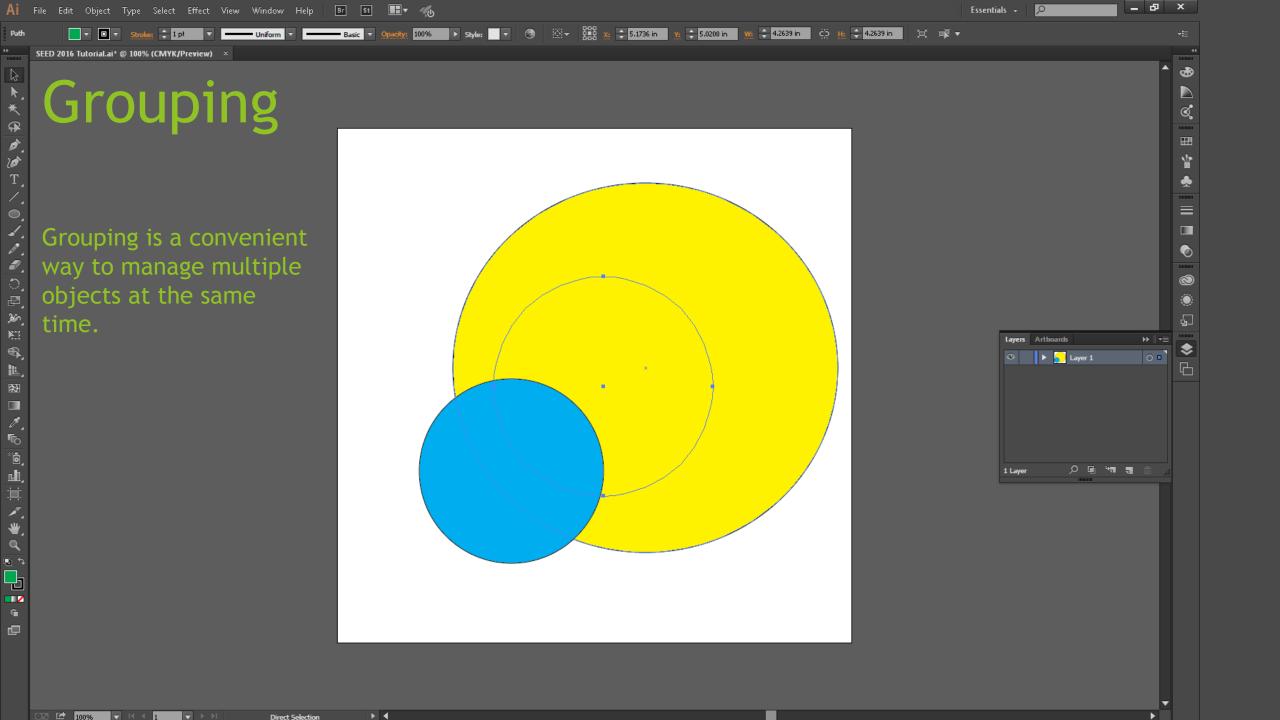
## Moderate Techniques

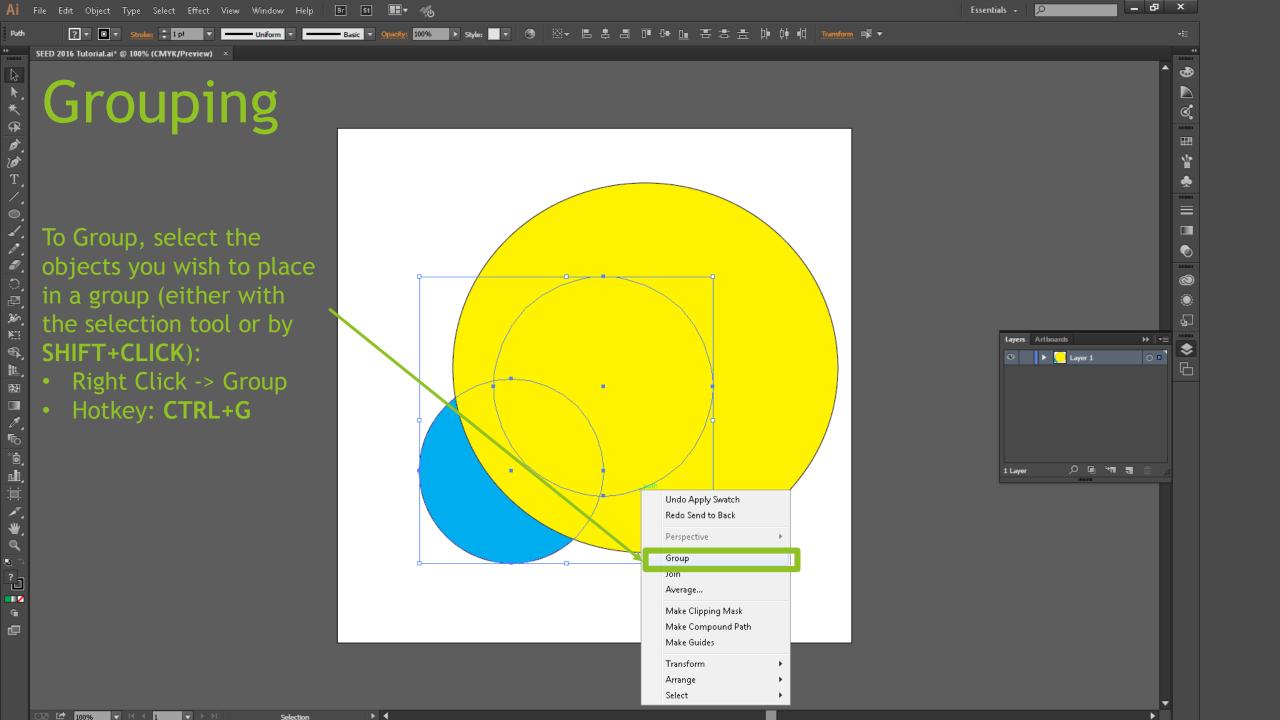
- ▶ Order
- Grouping
- Editing Paths
- ► Image Trace
- Outlines
- ► Non-Centered Rotation

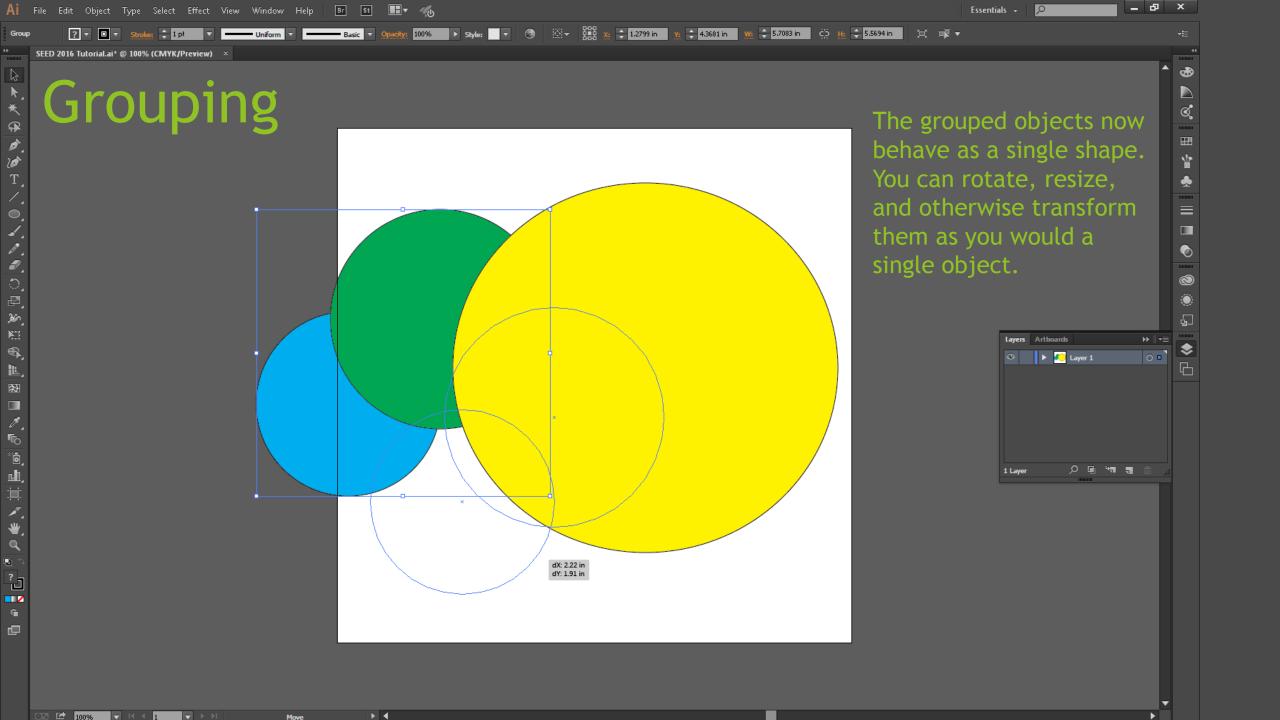


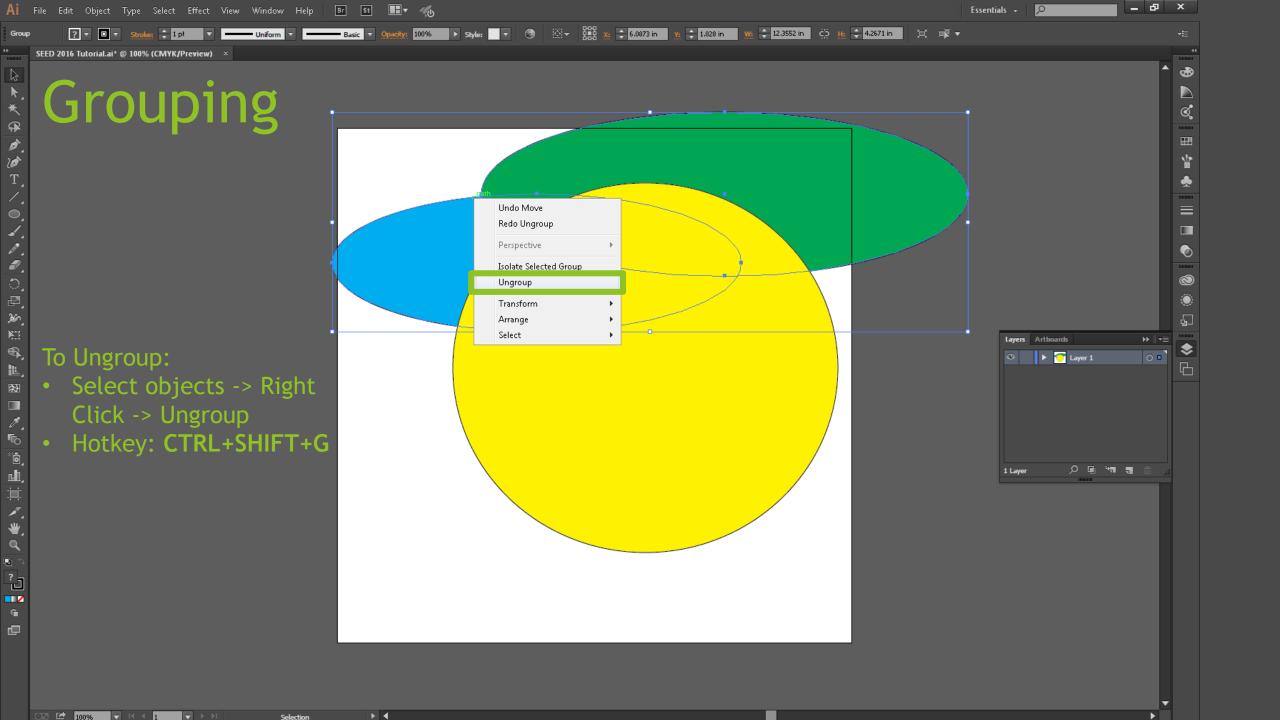


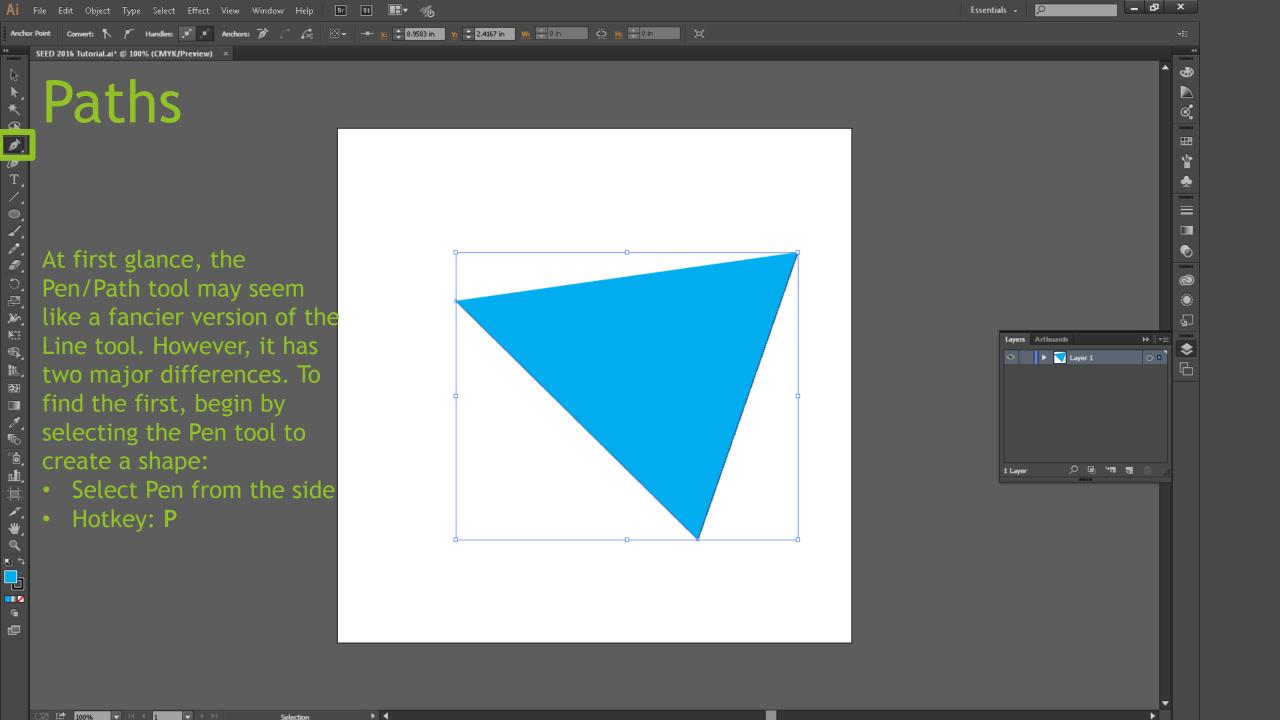


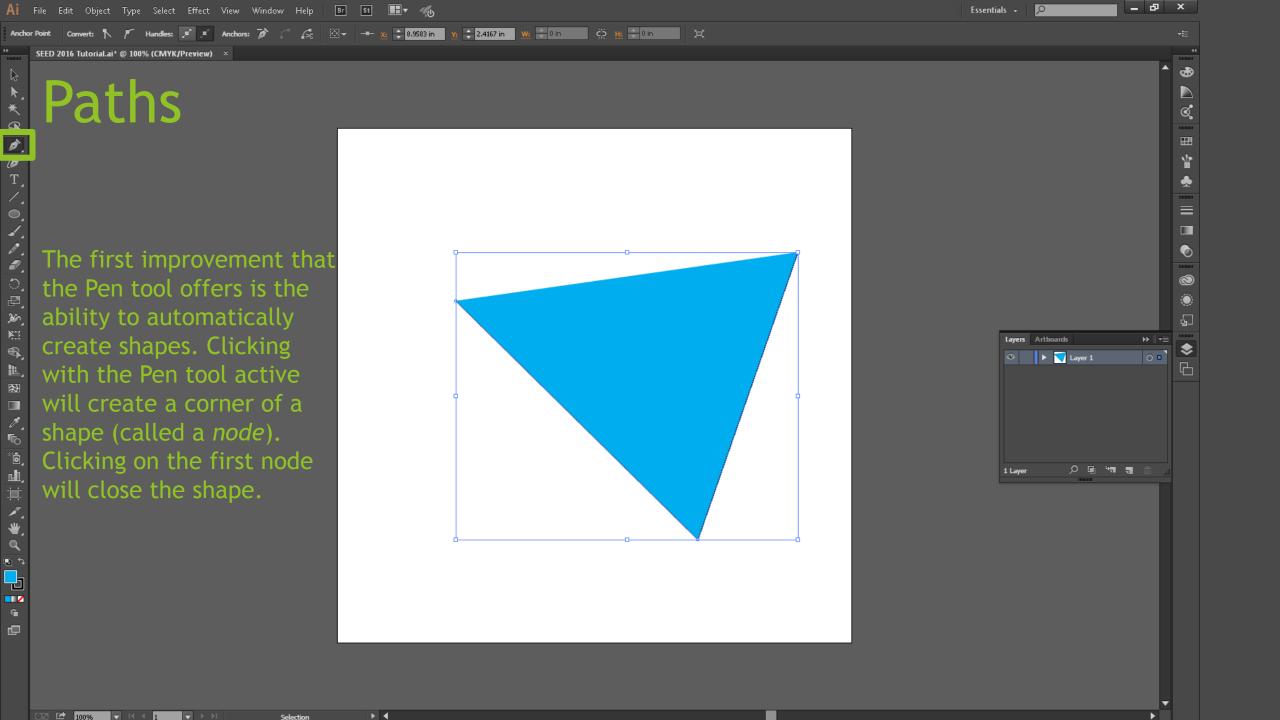


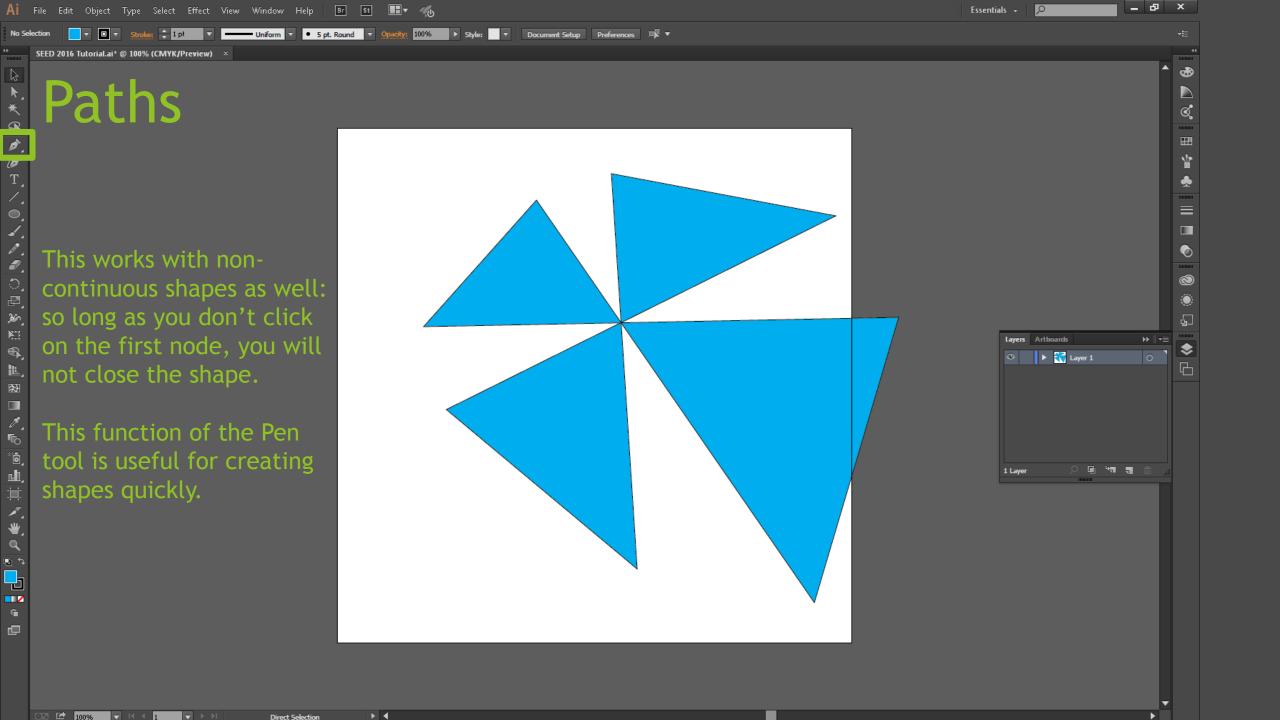


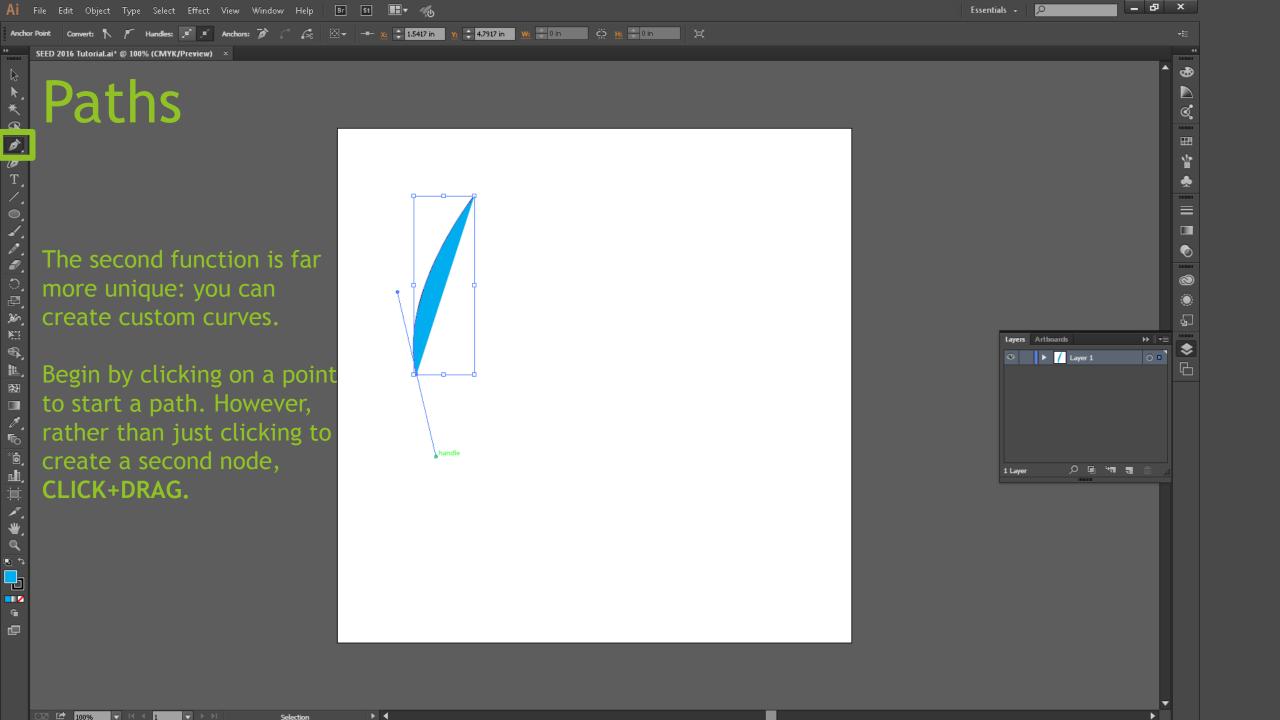


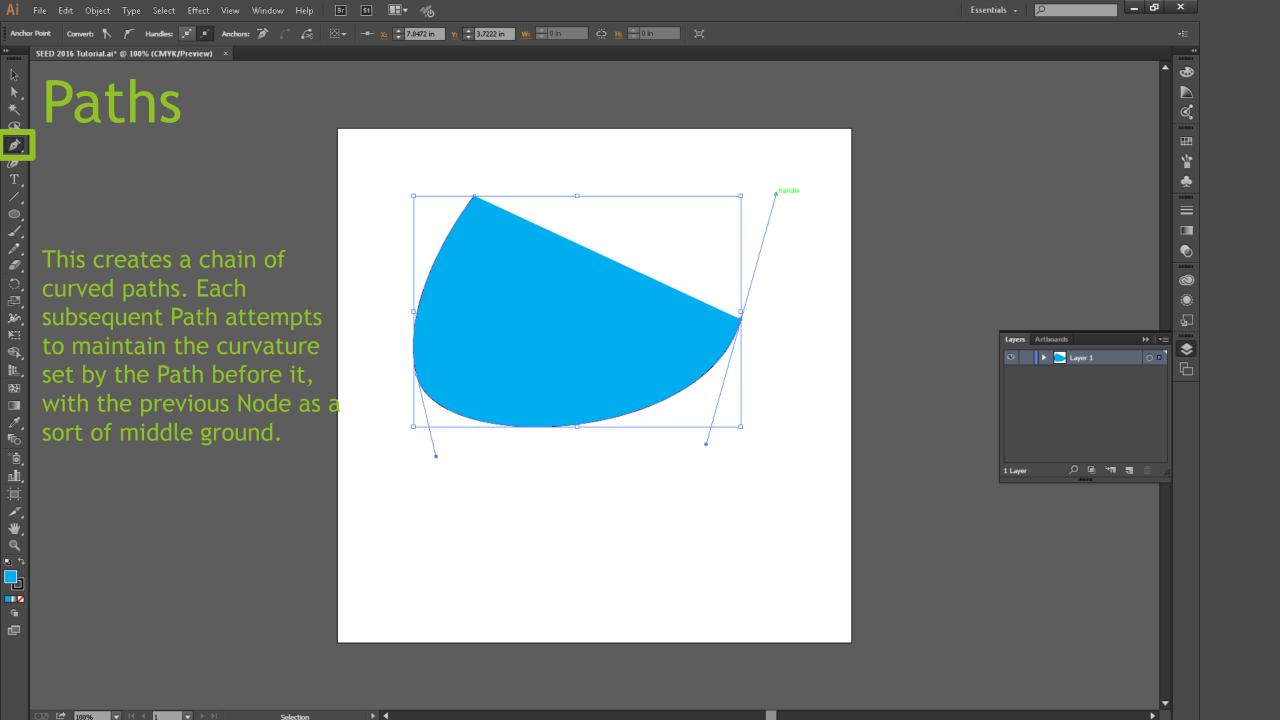


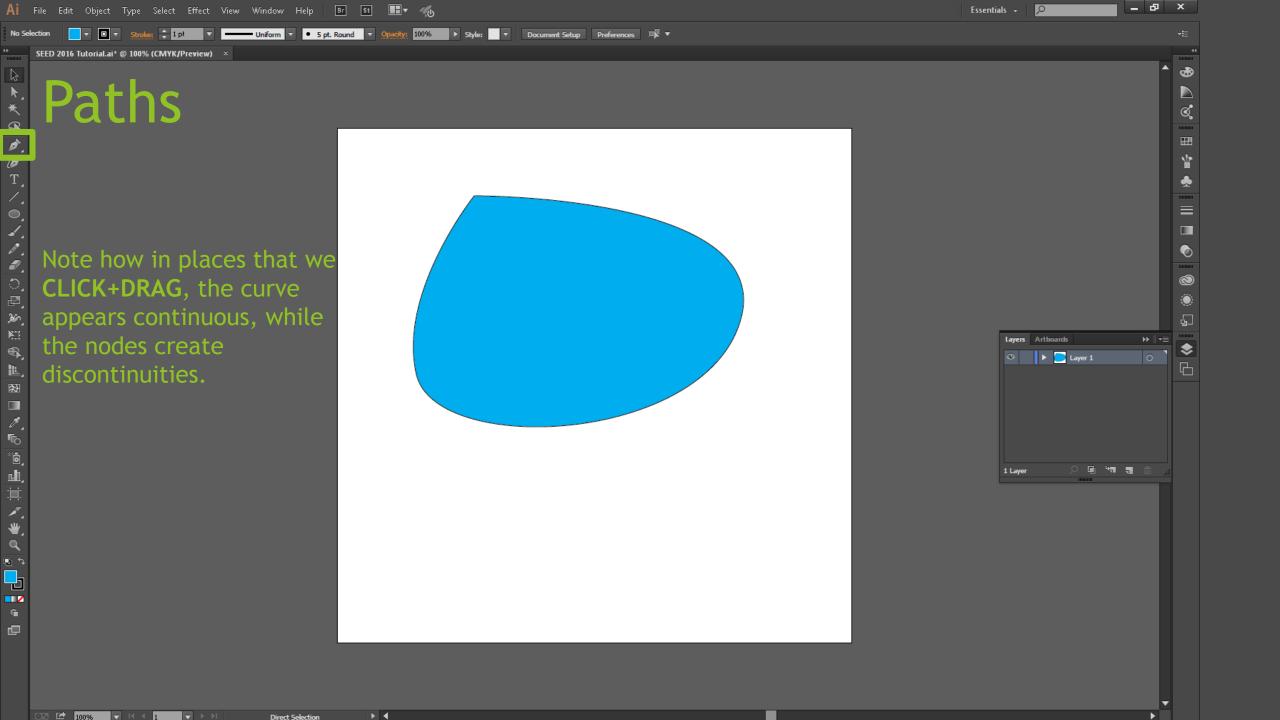


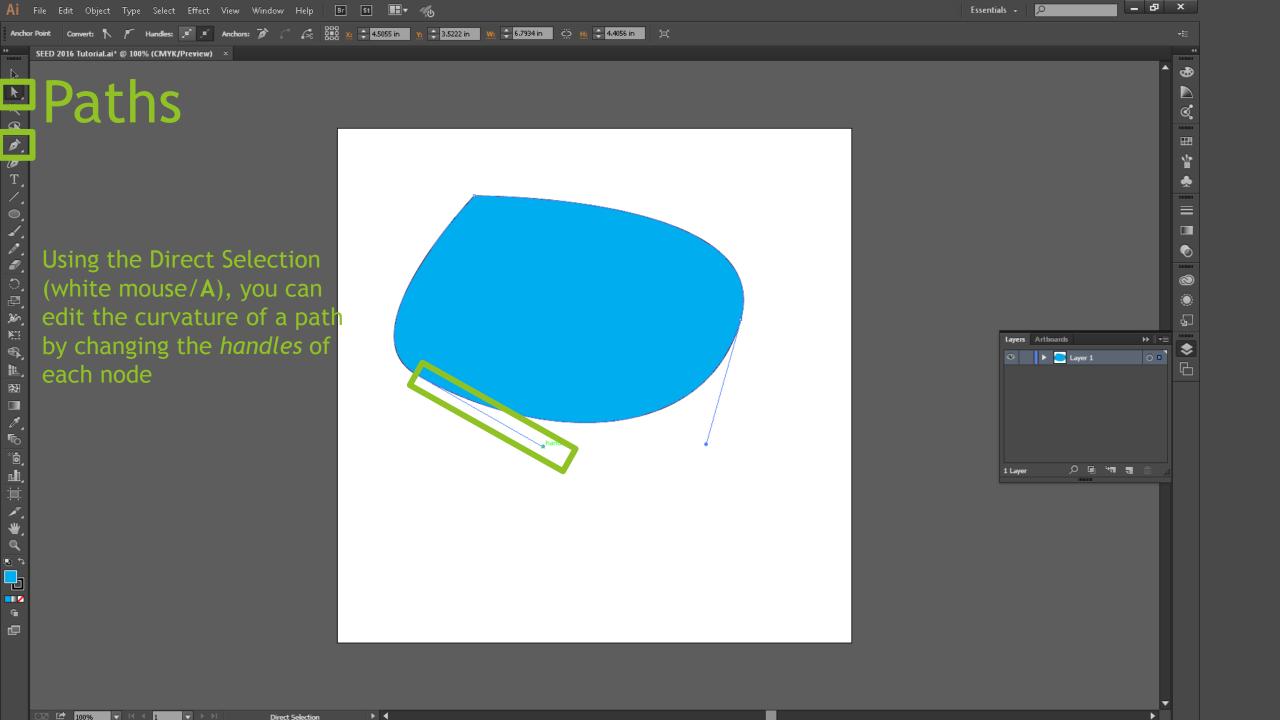


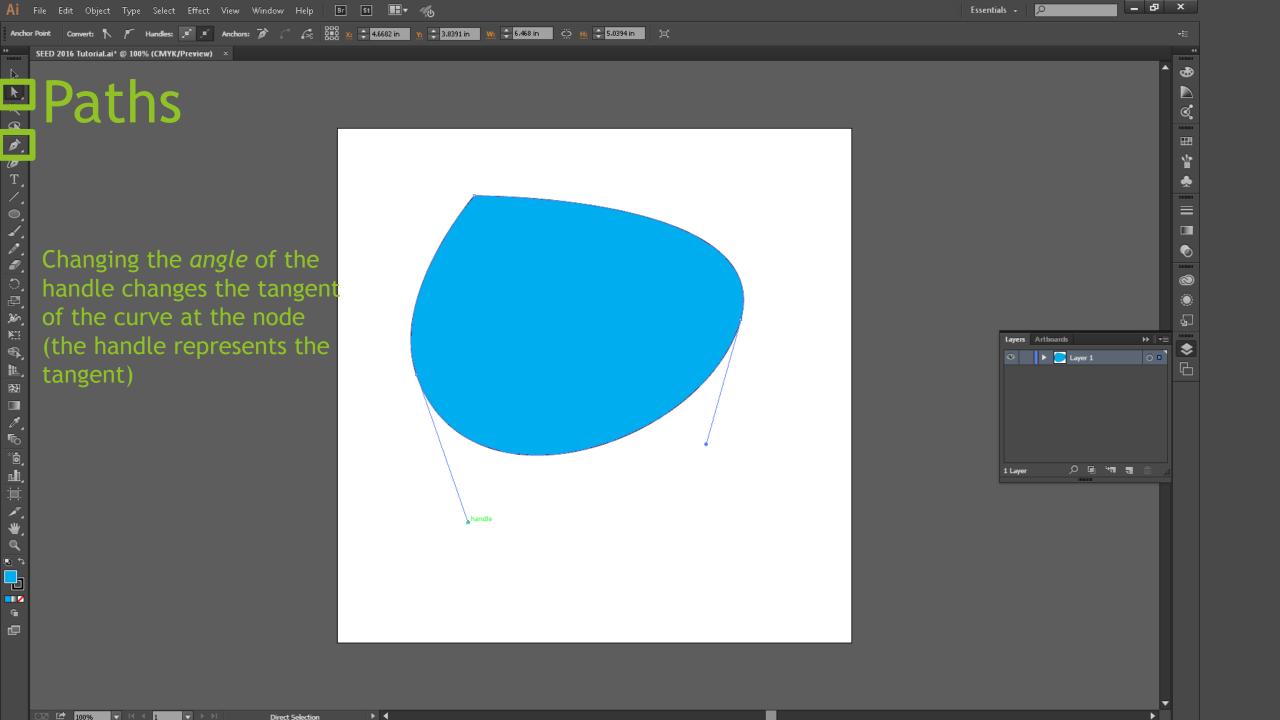


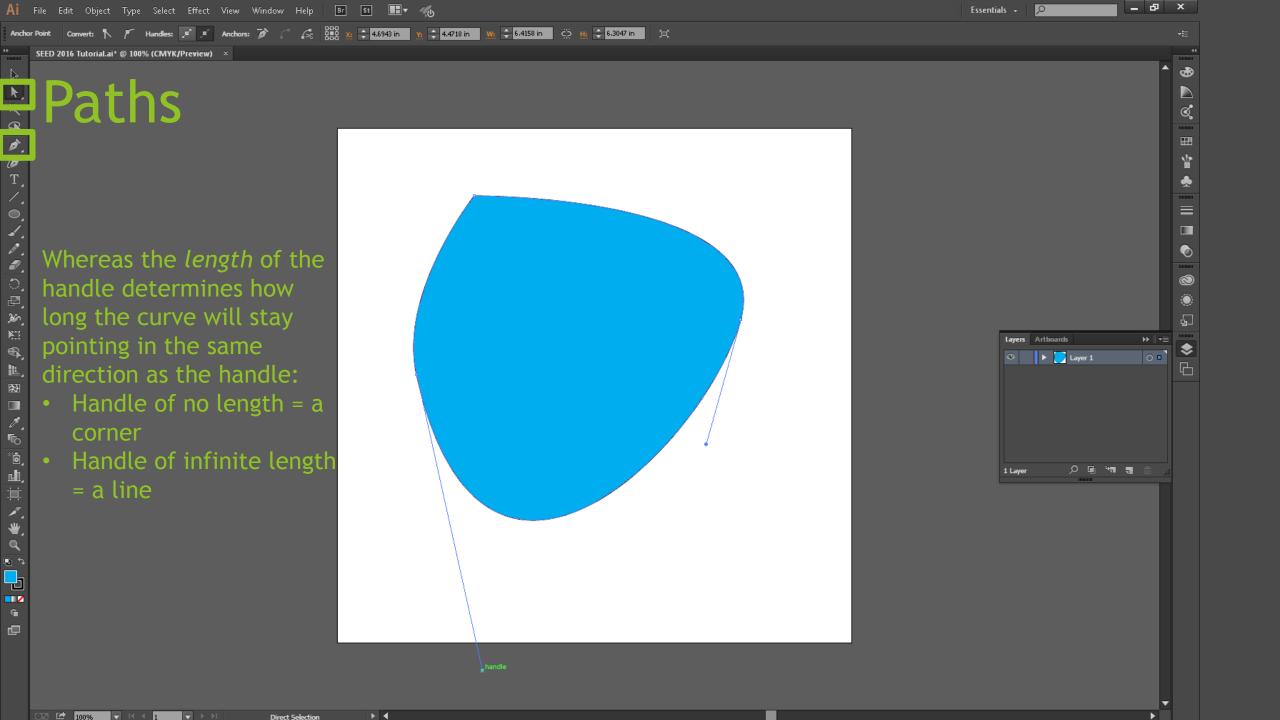


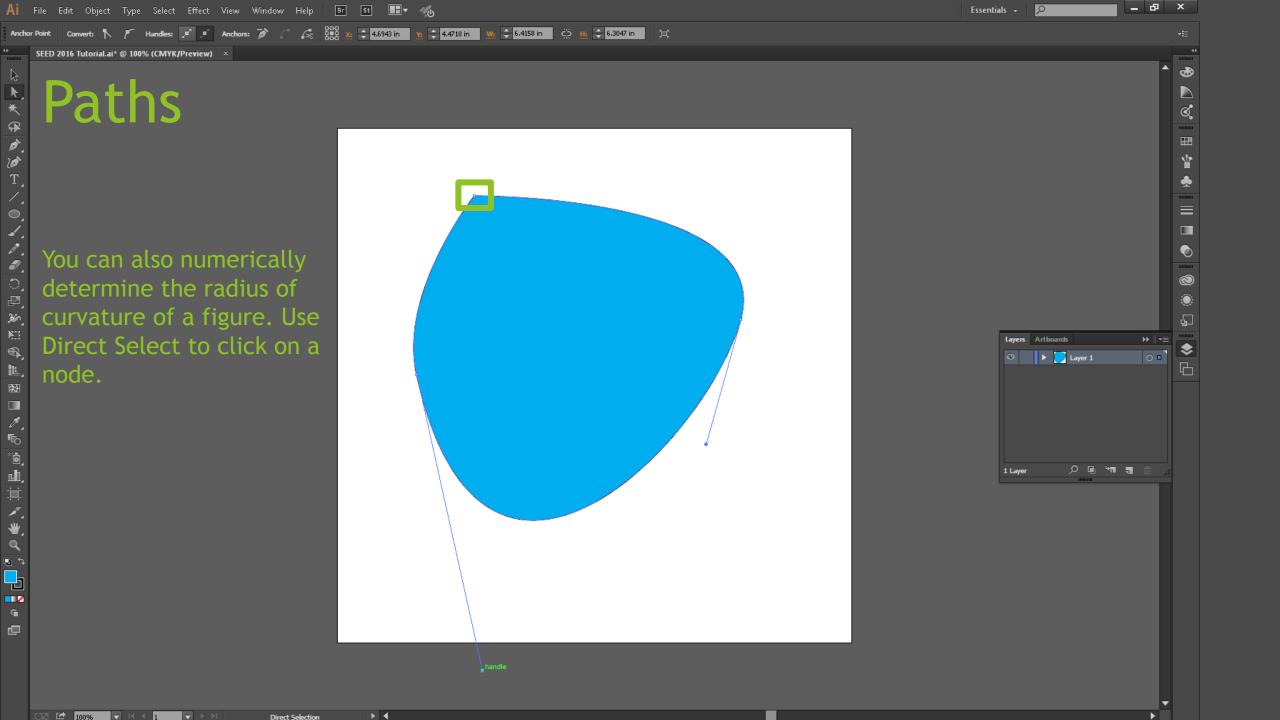


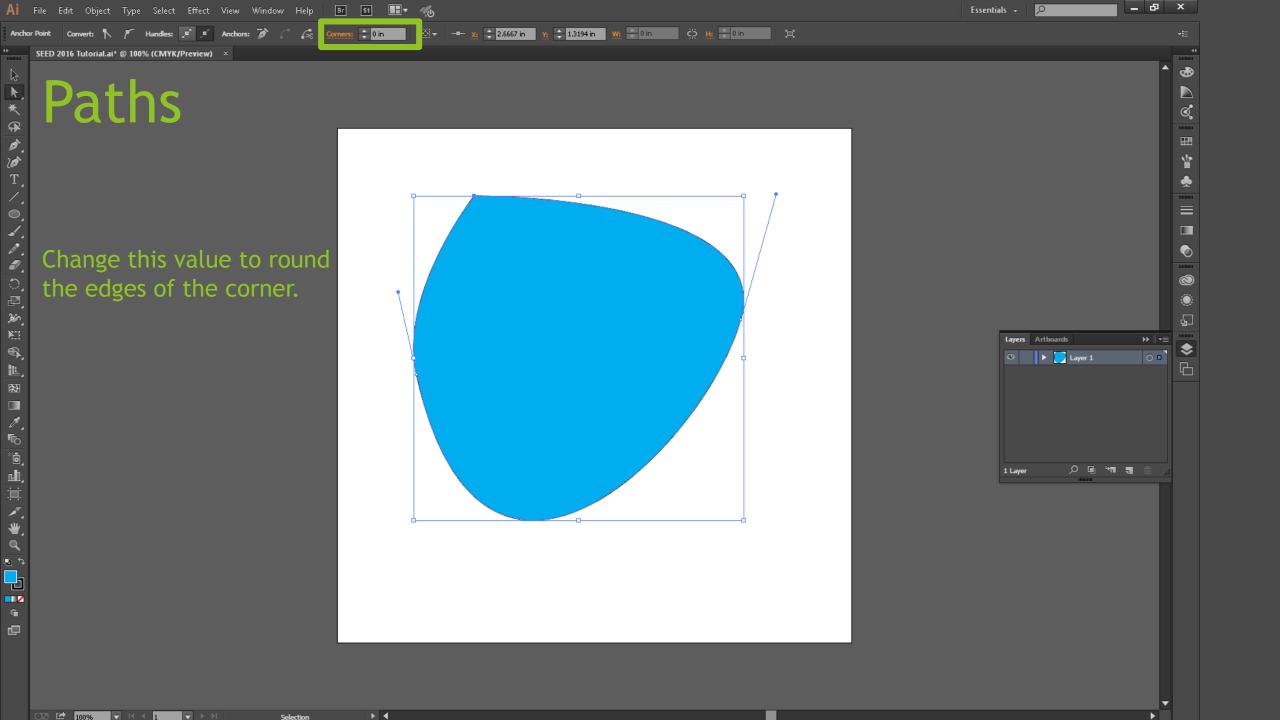


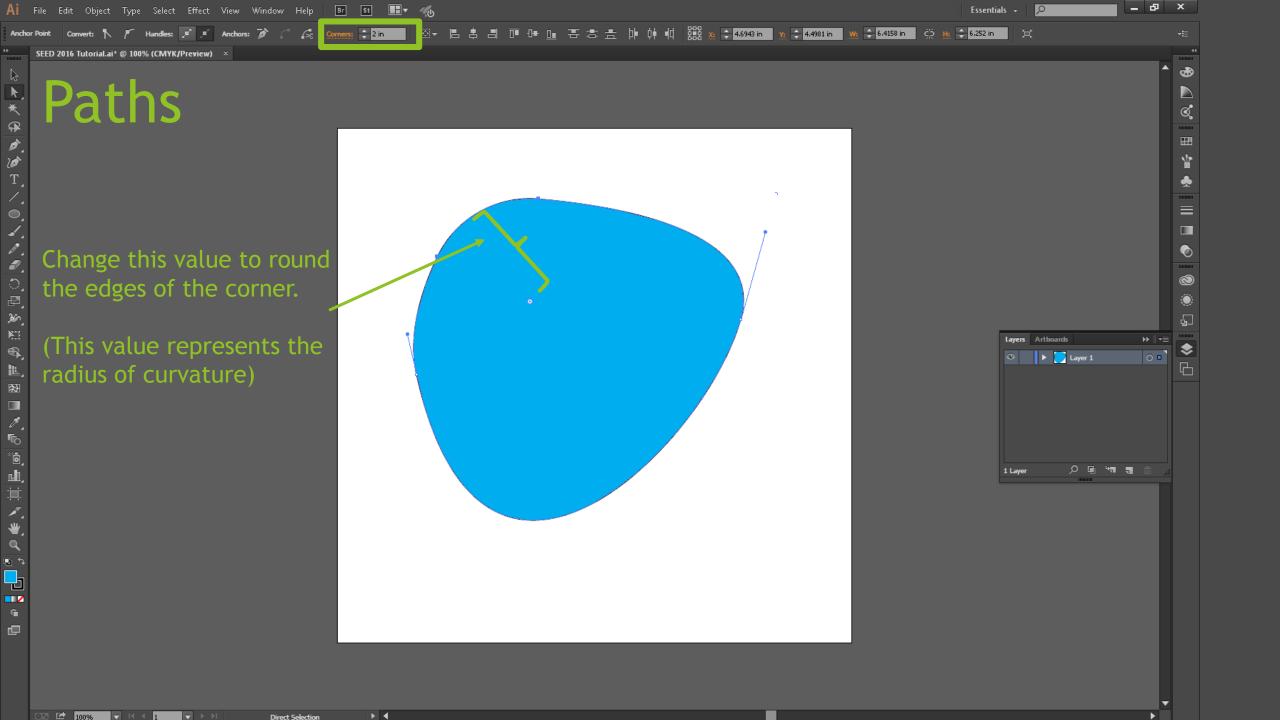


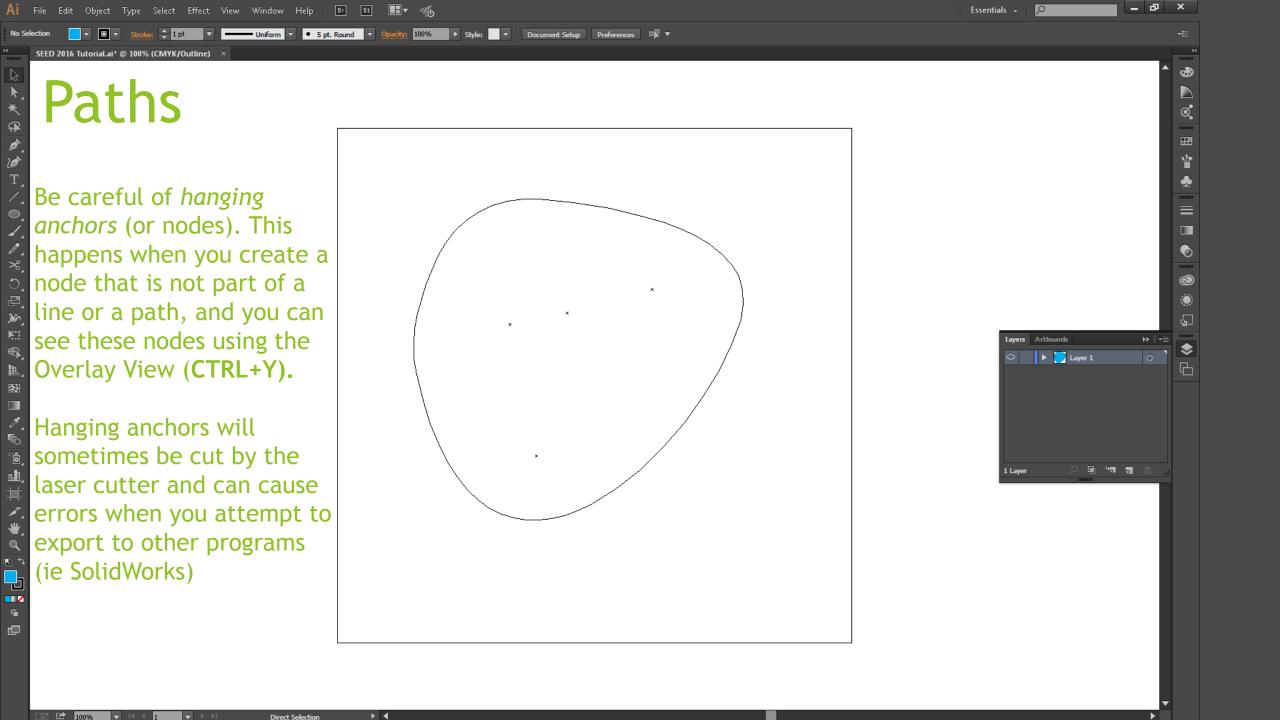


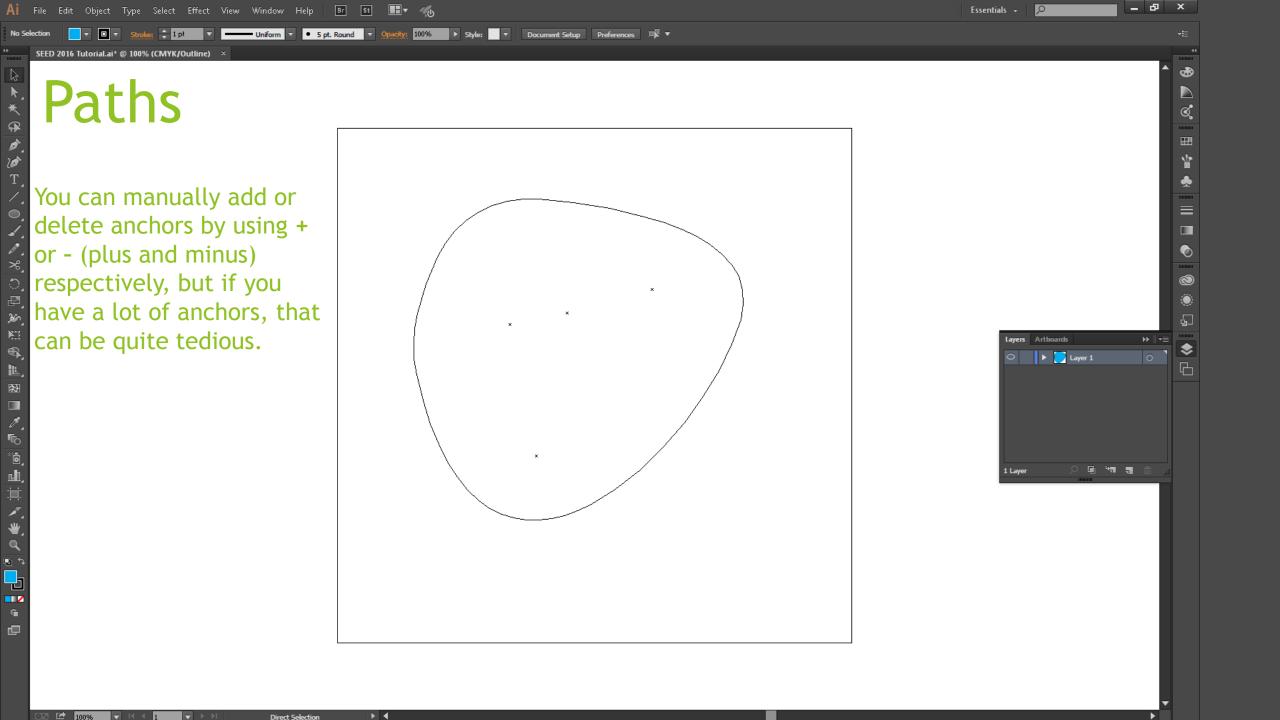


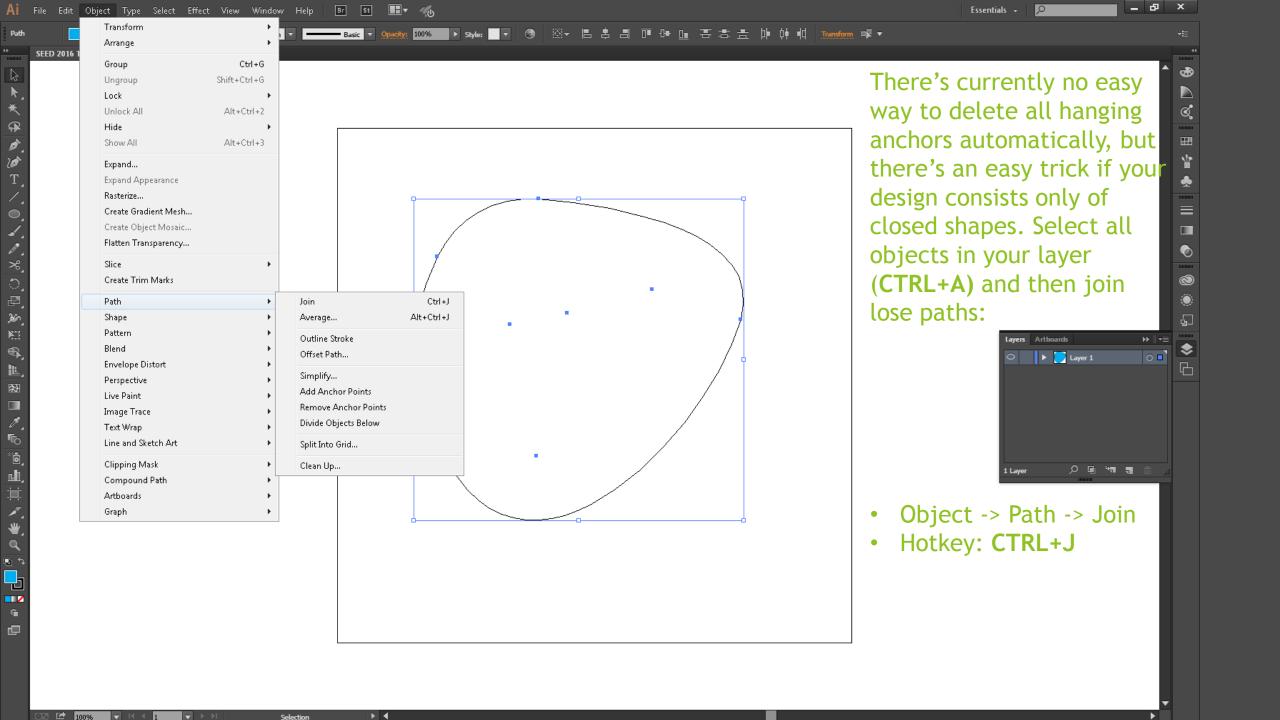


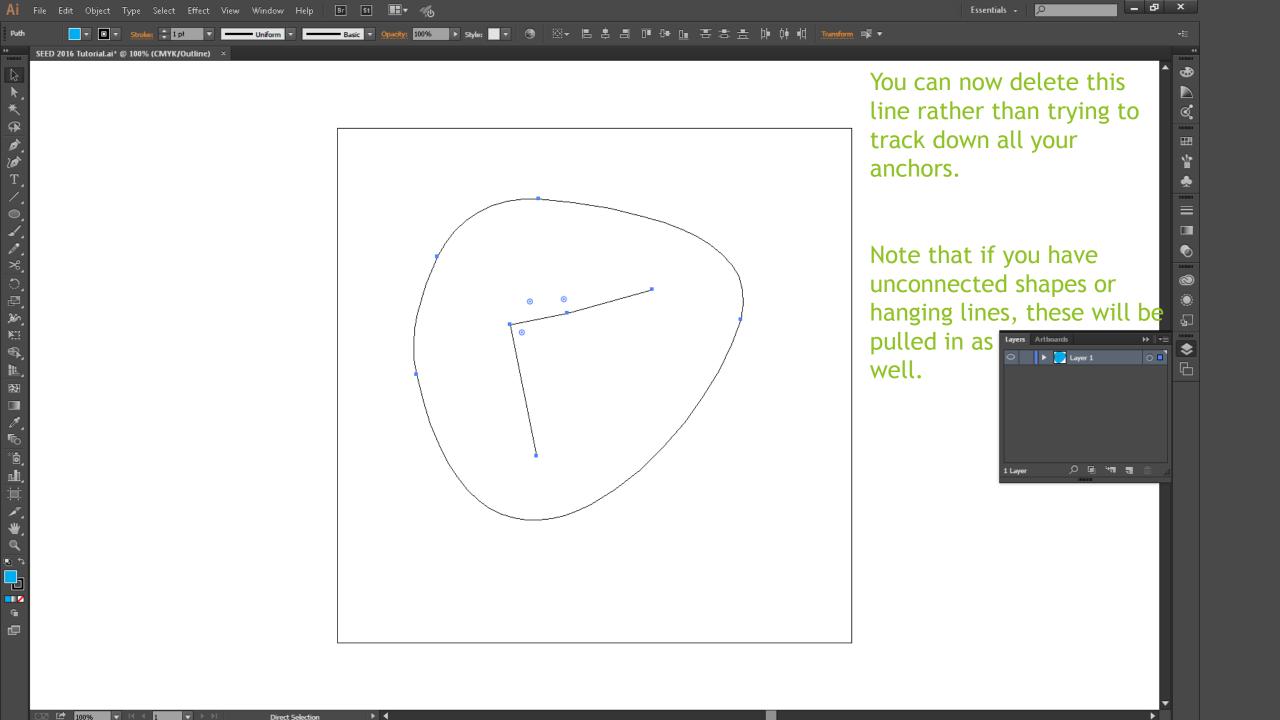


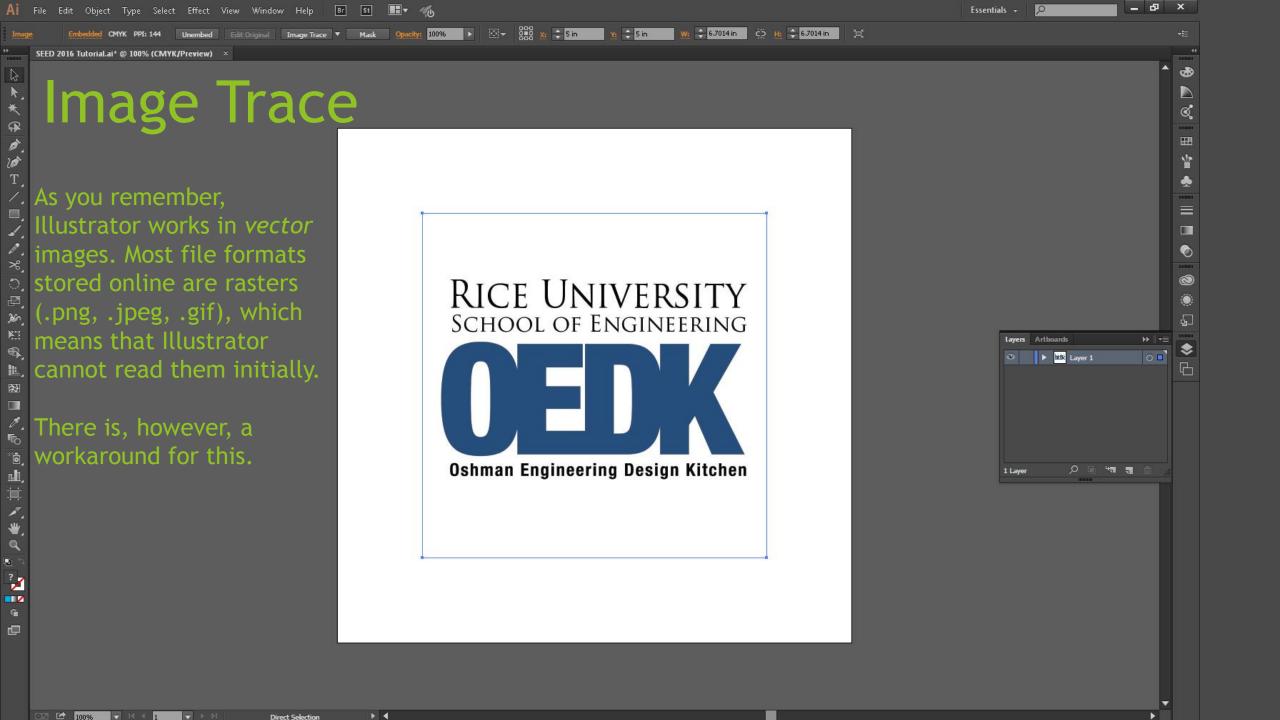


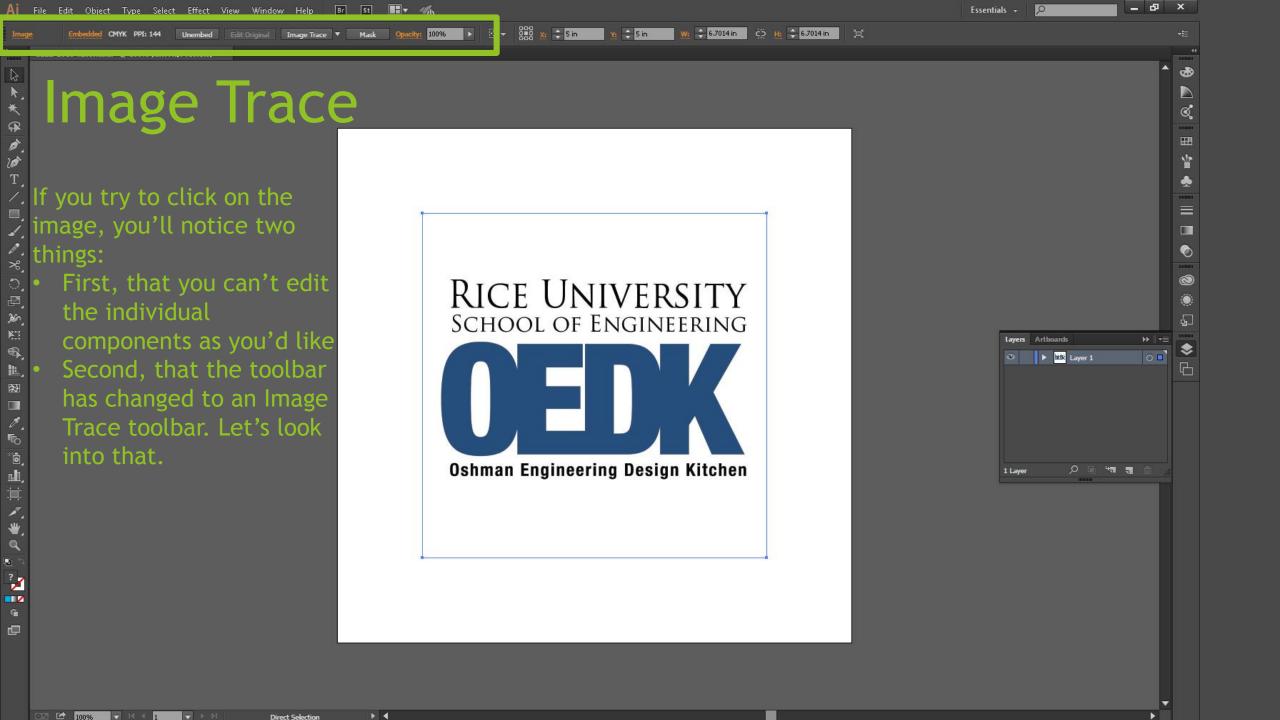


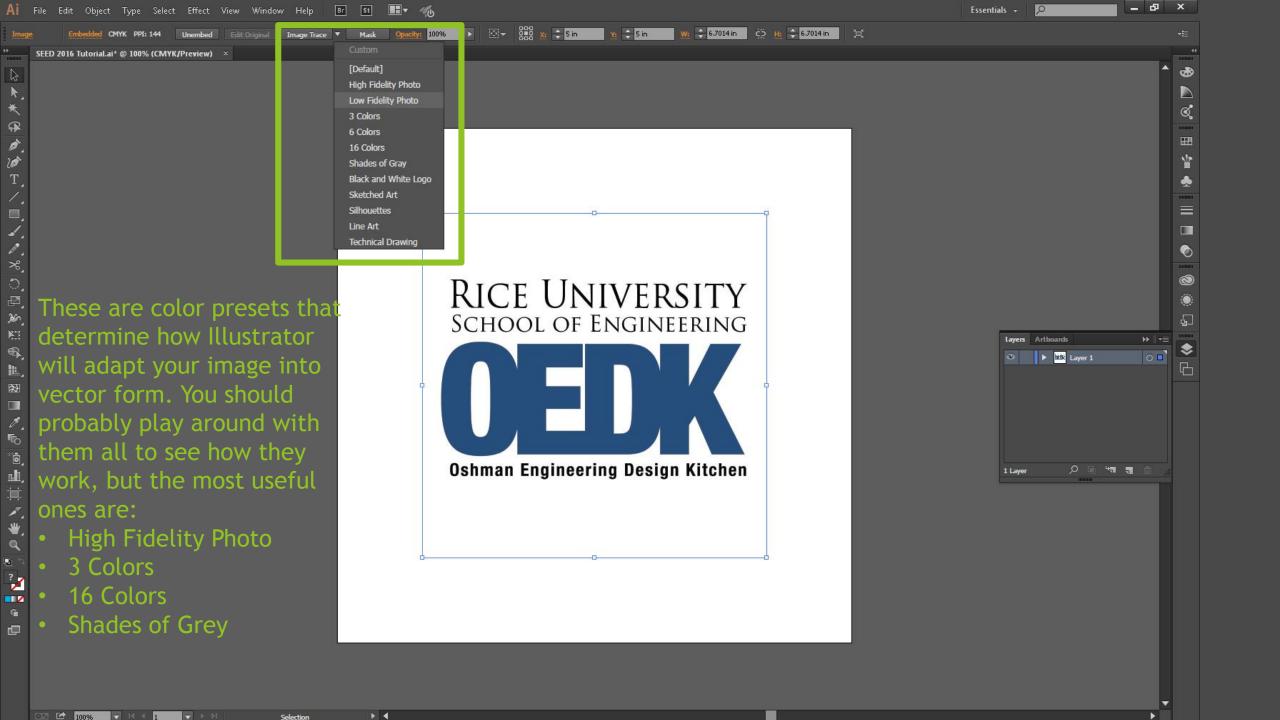


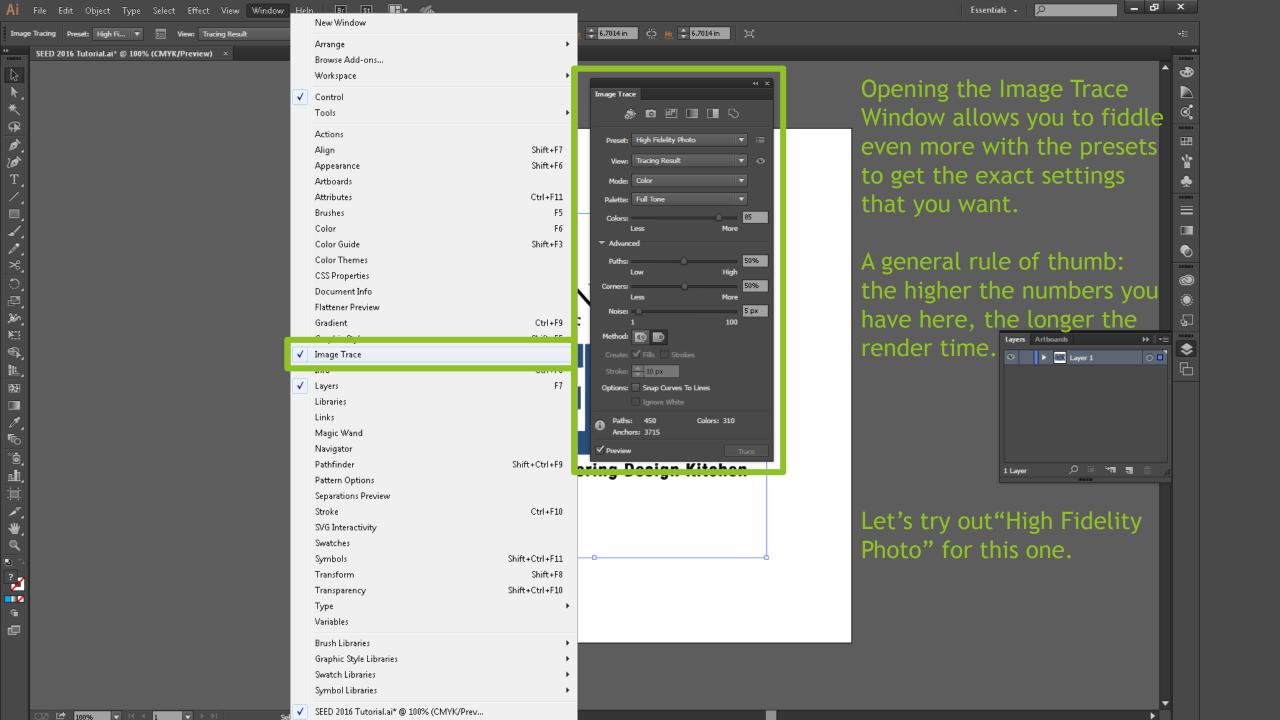


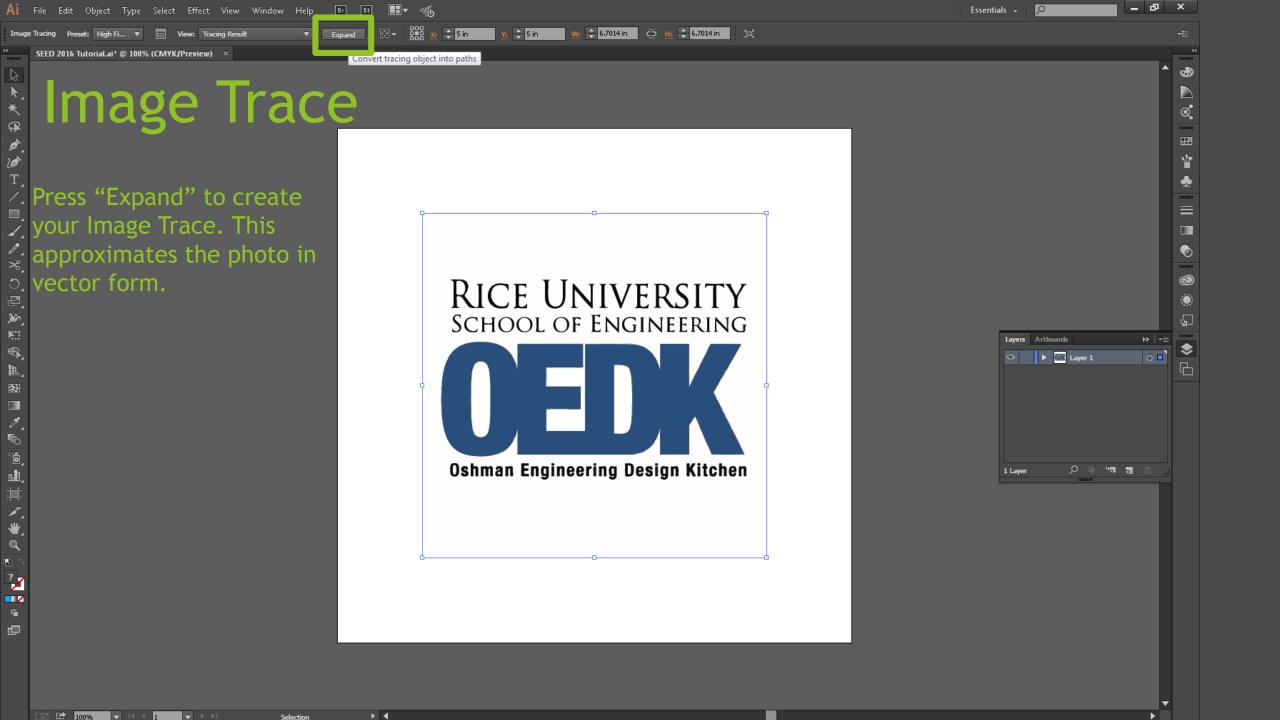


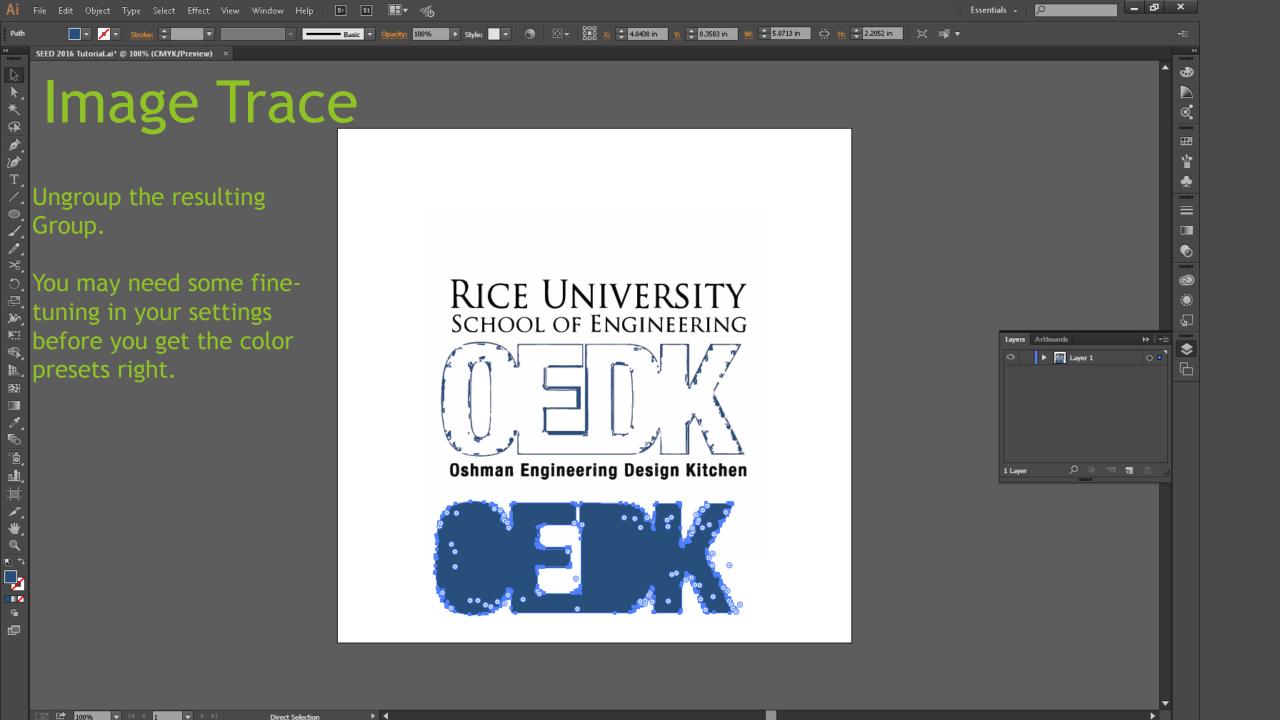


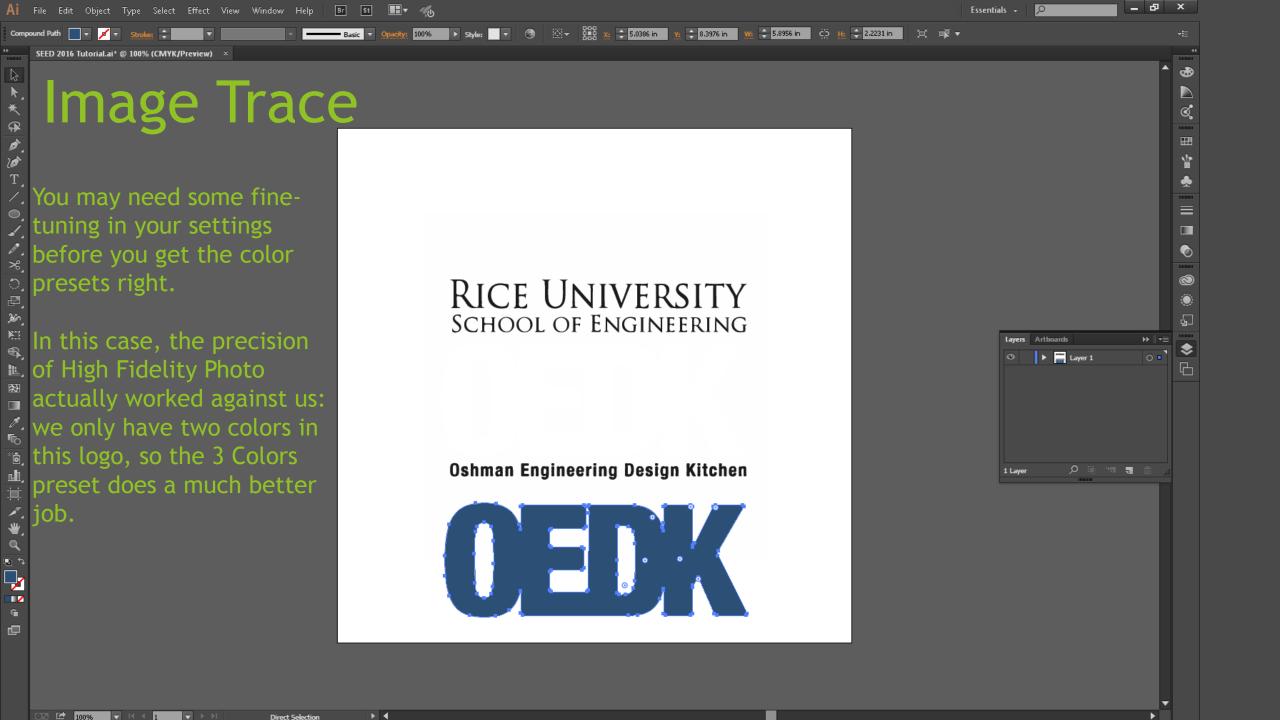


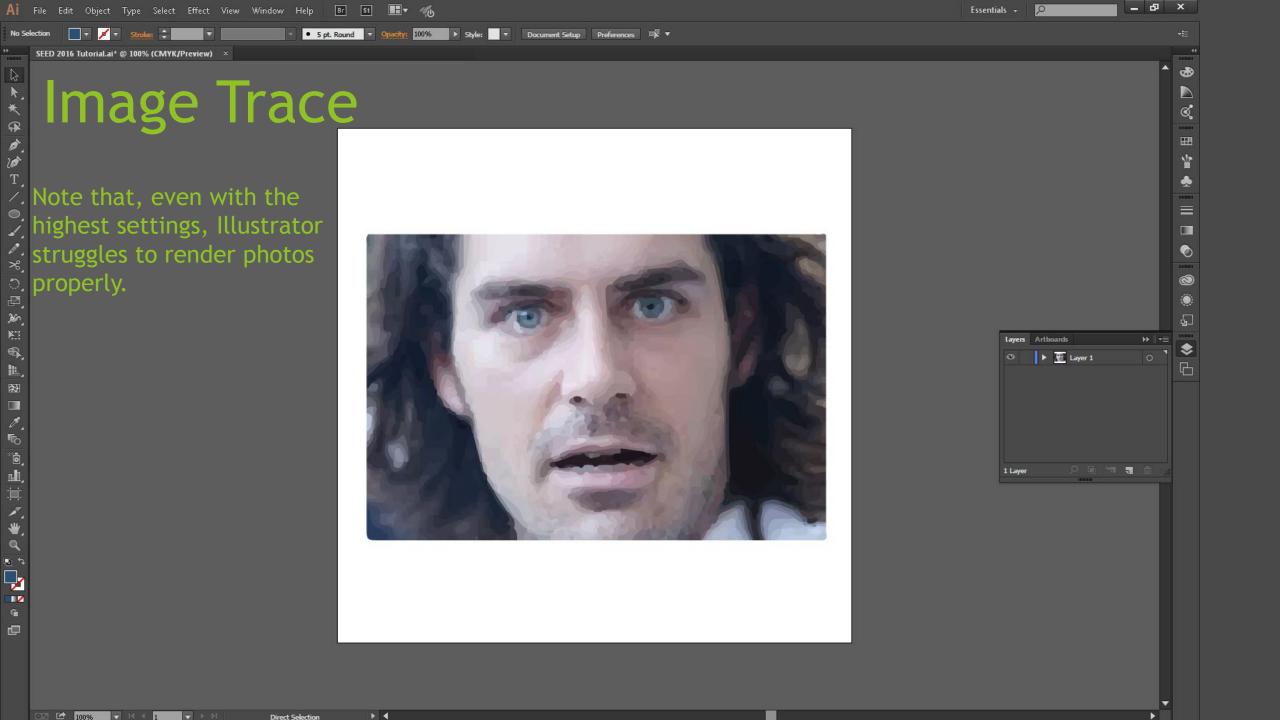


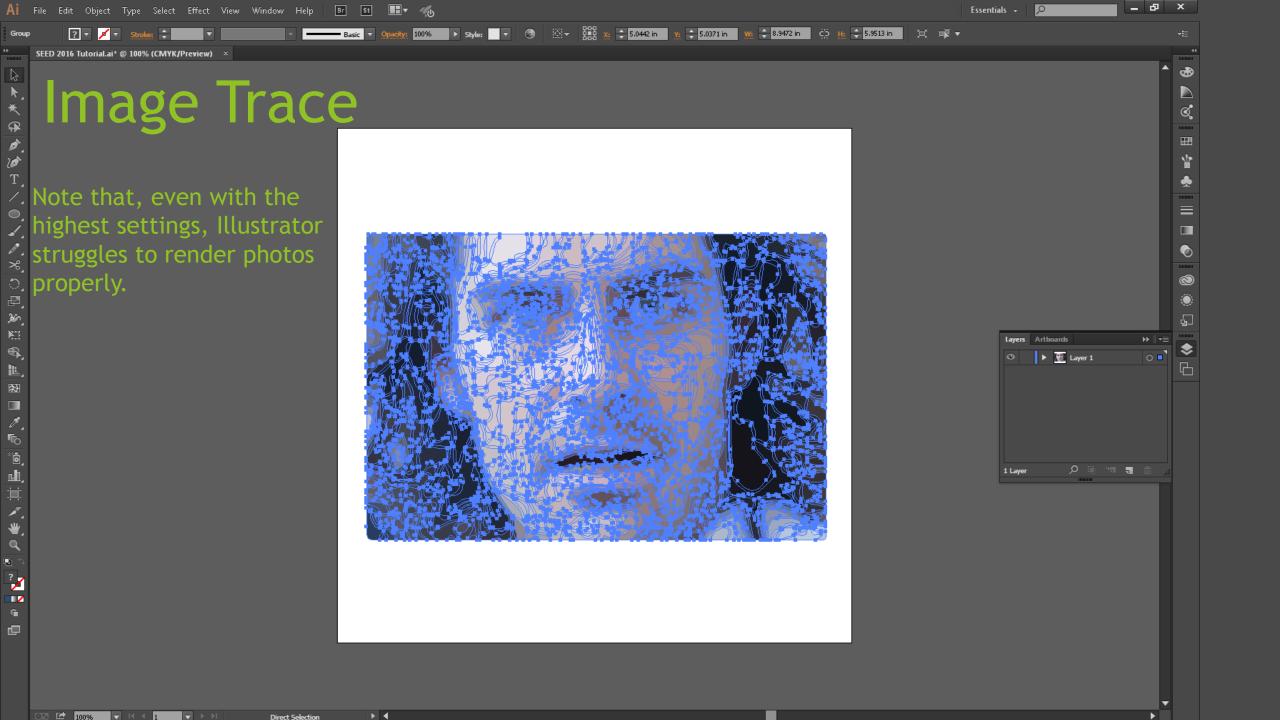


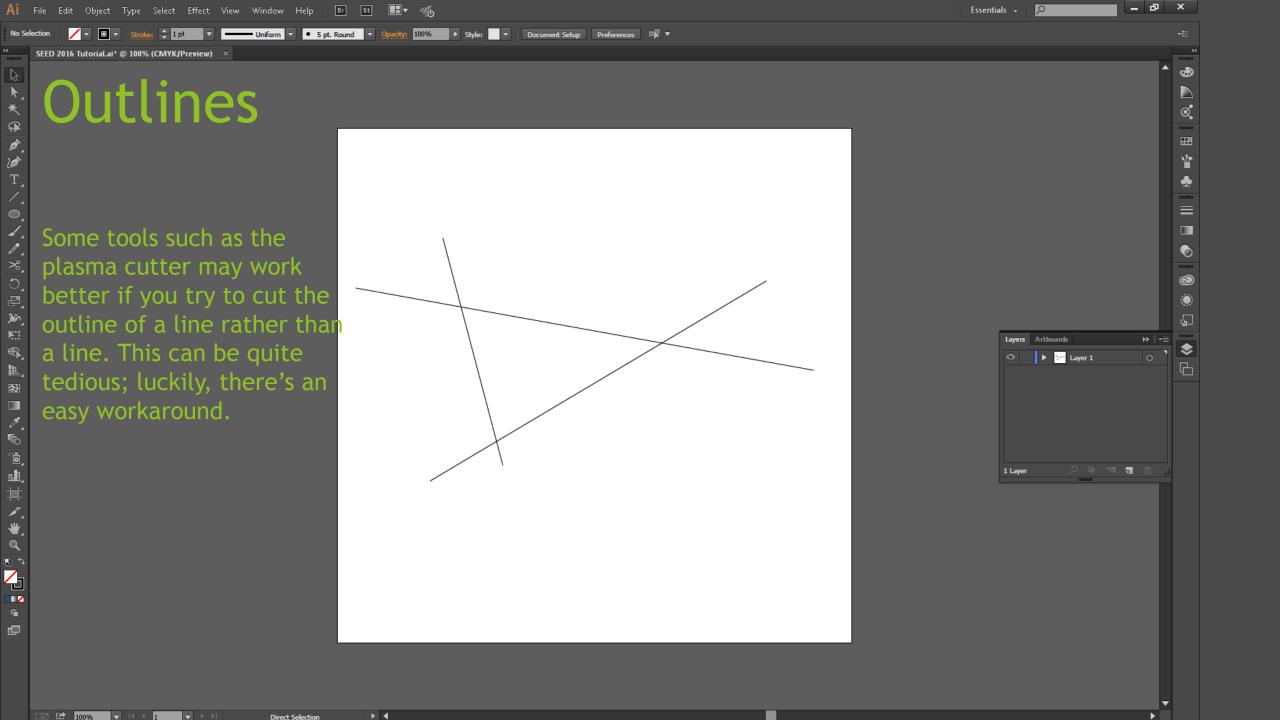


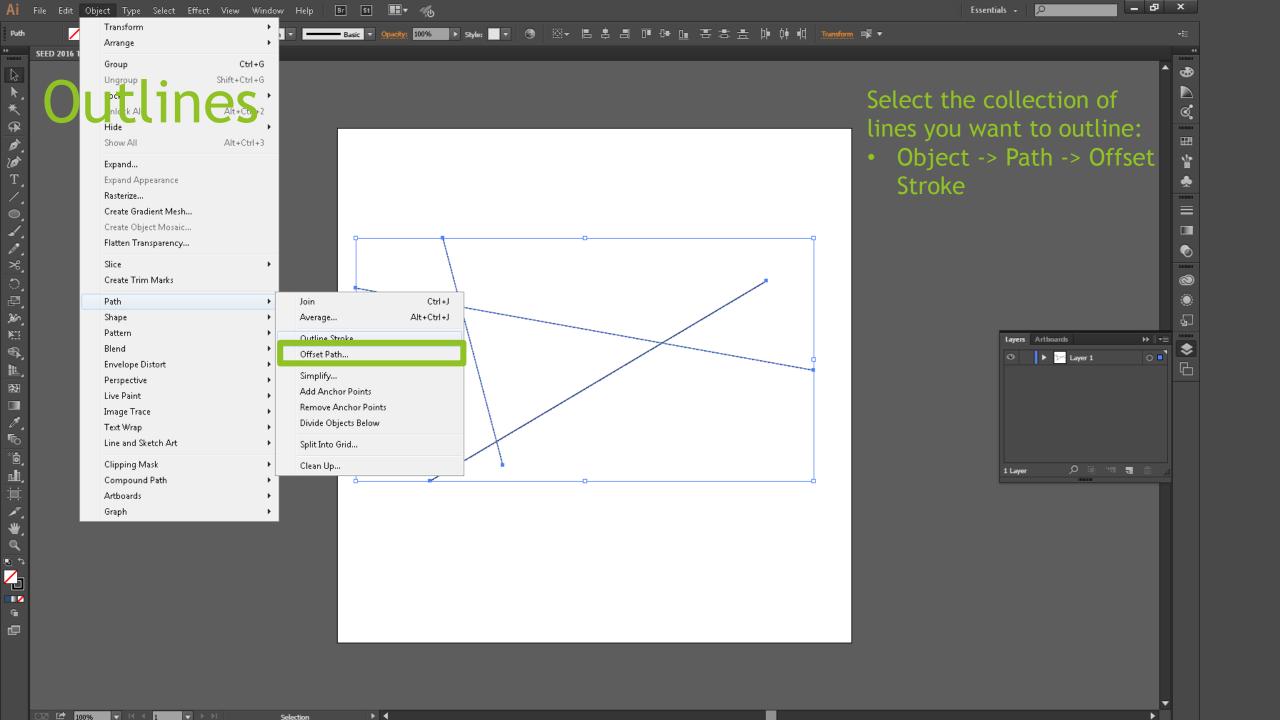


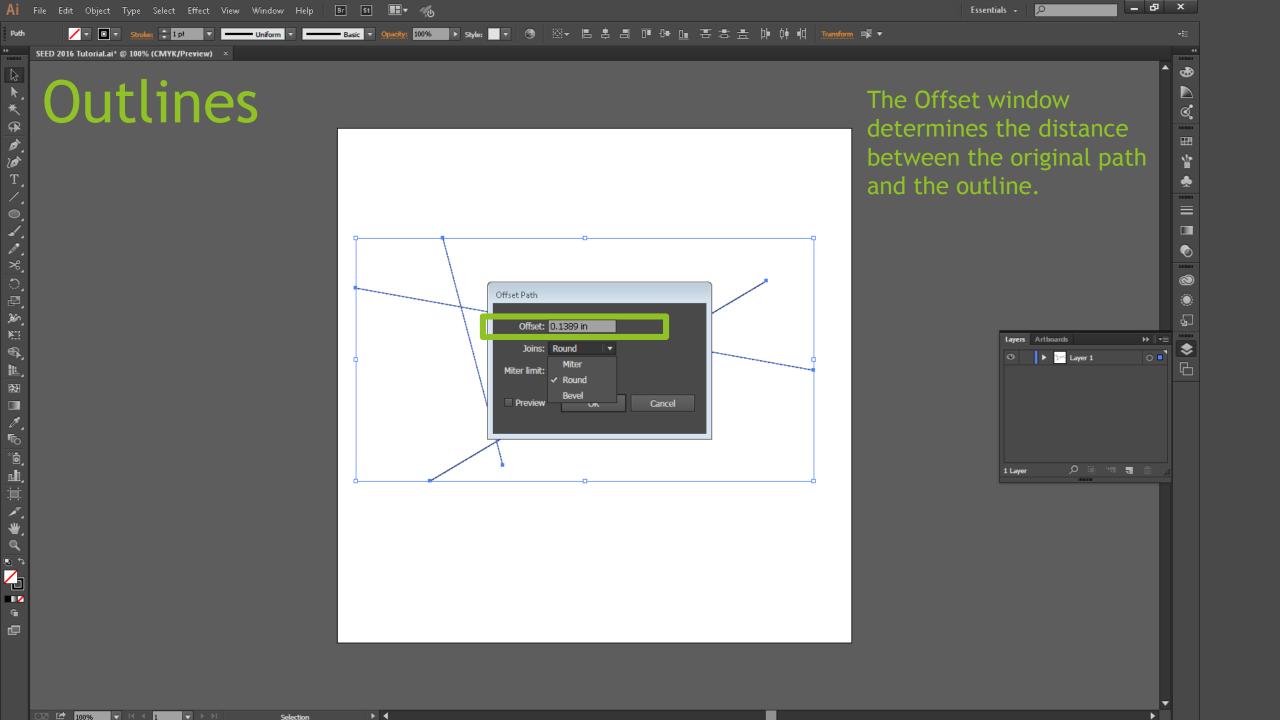


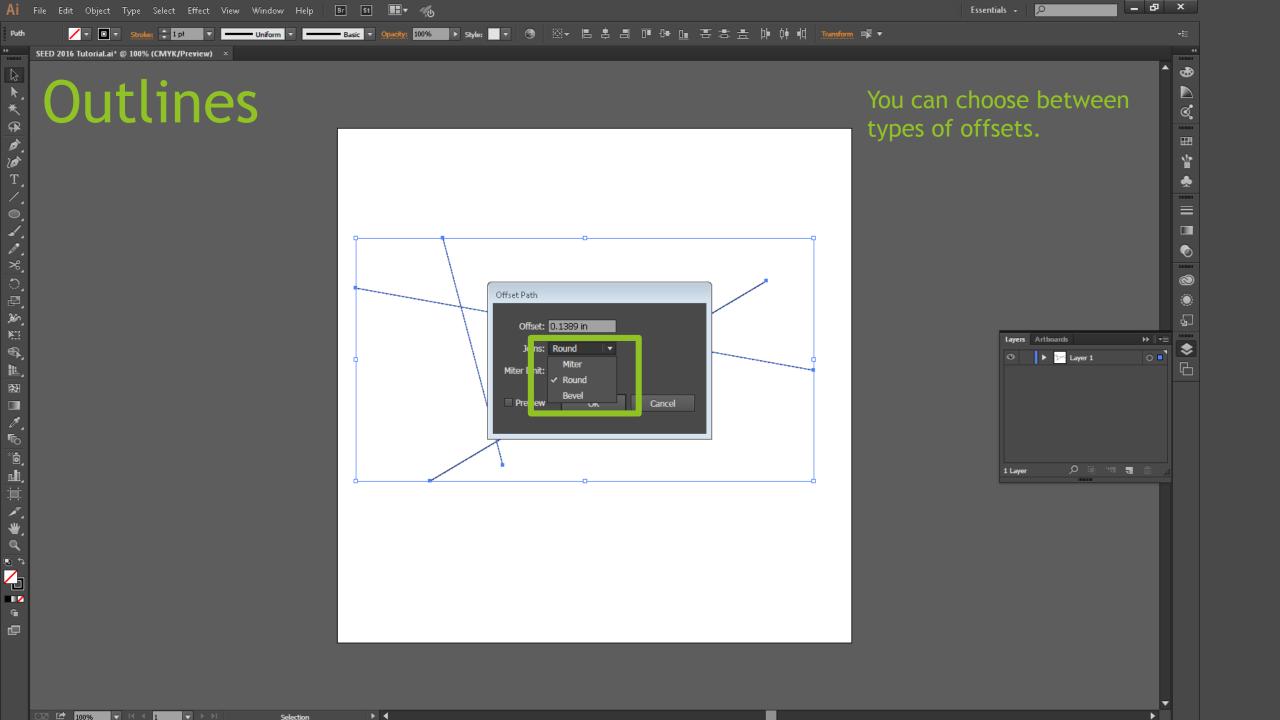


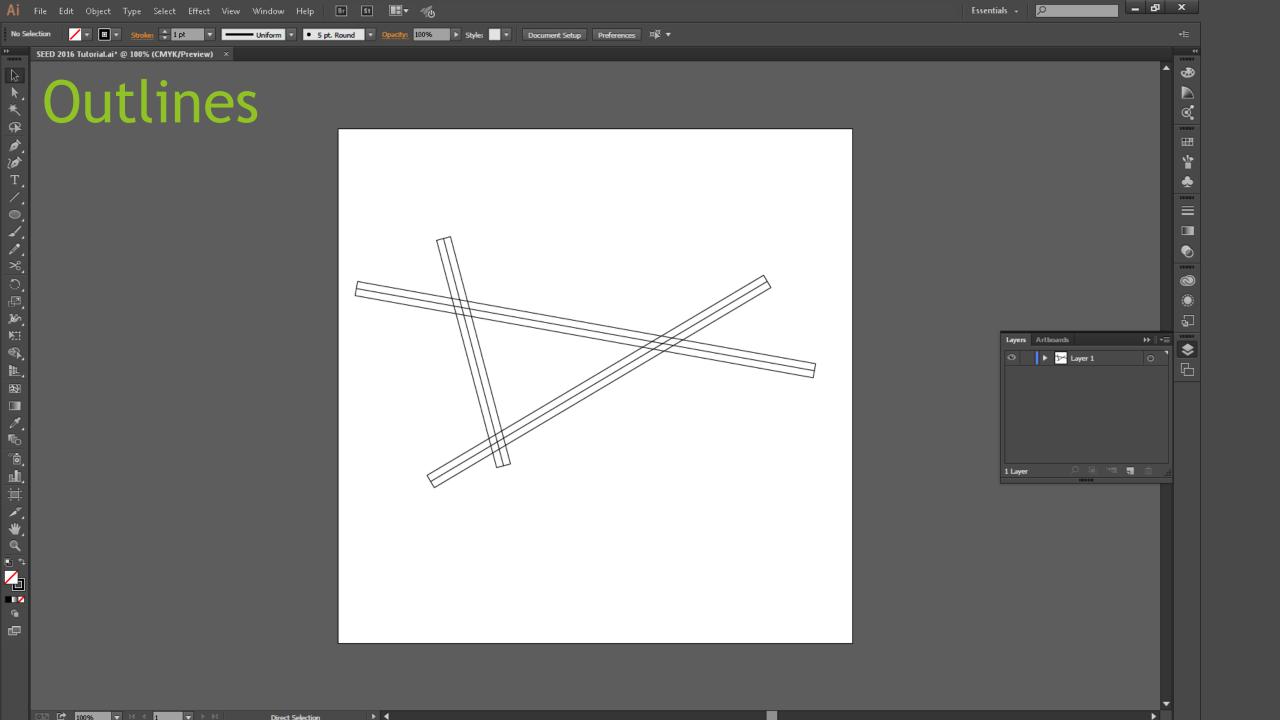


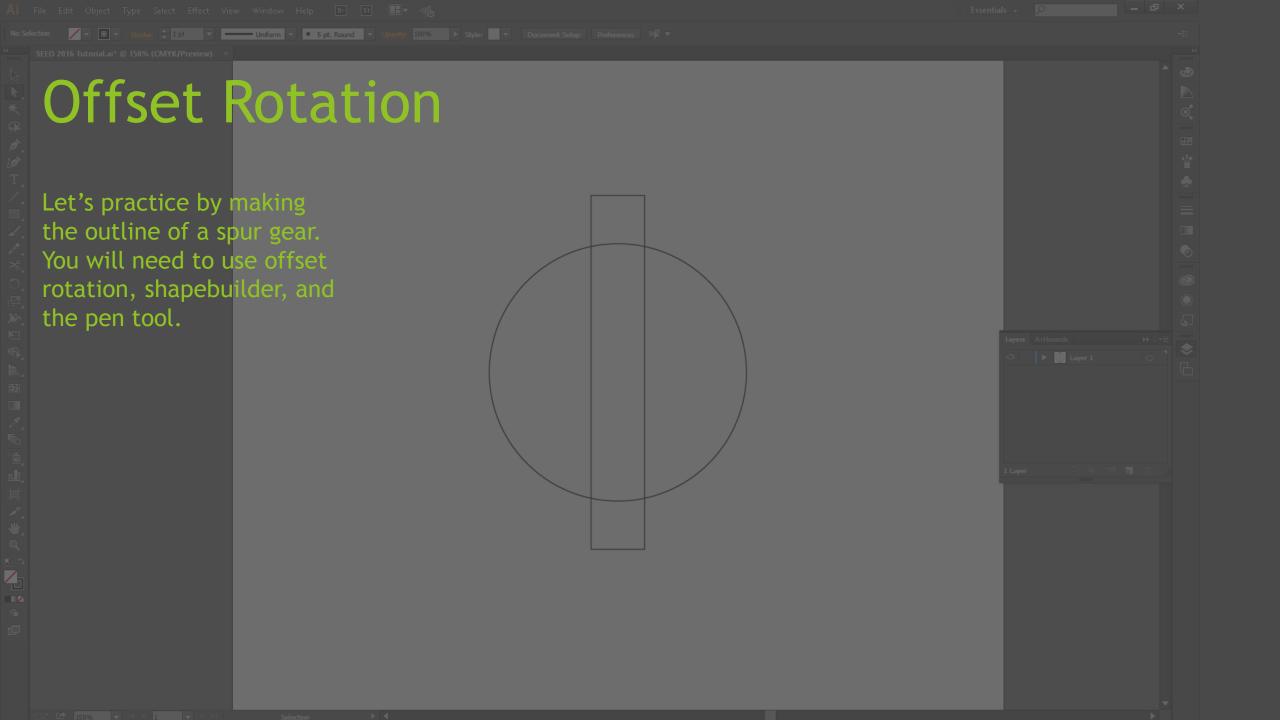


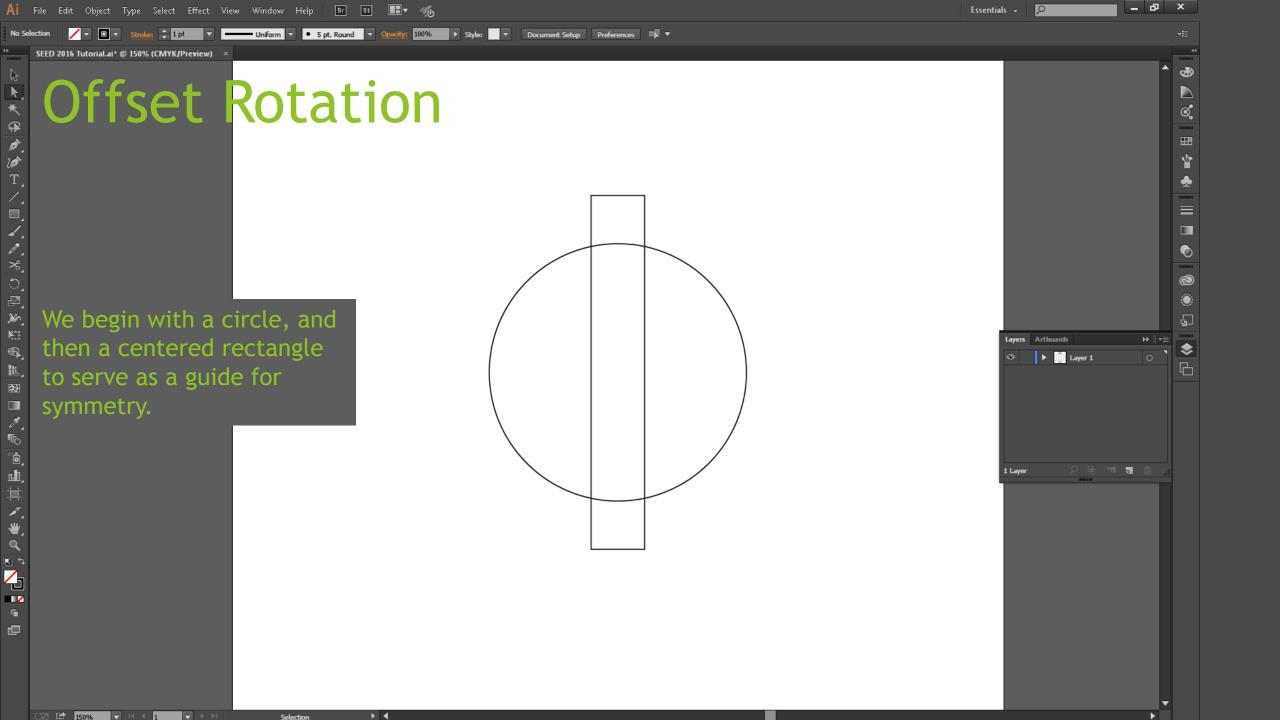


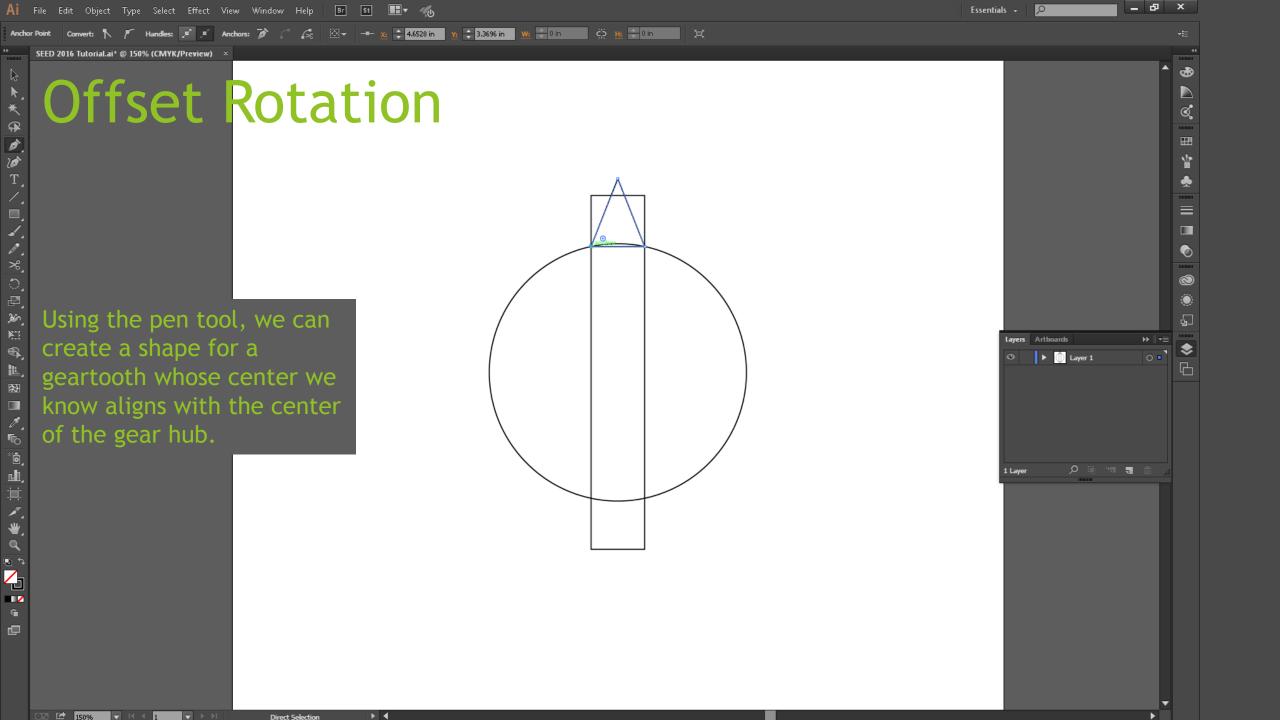


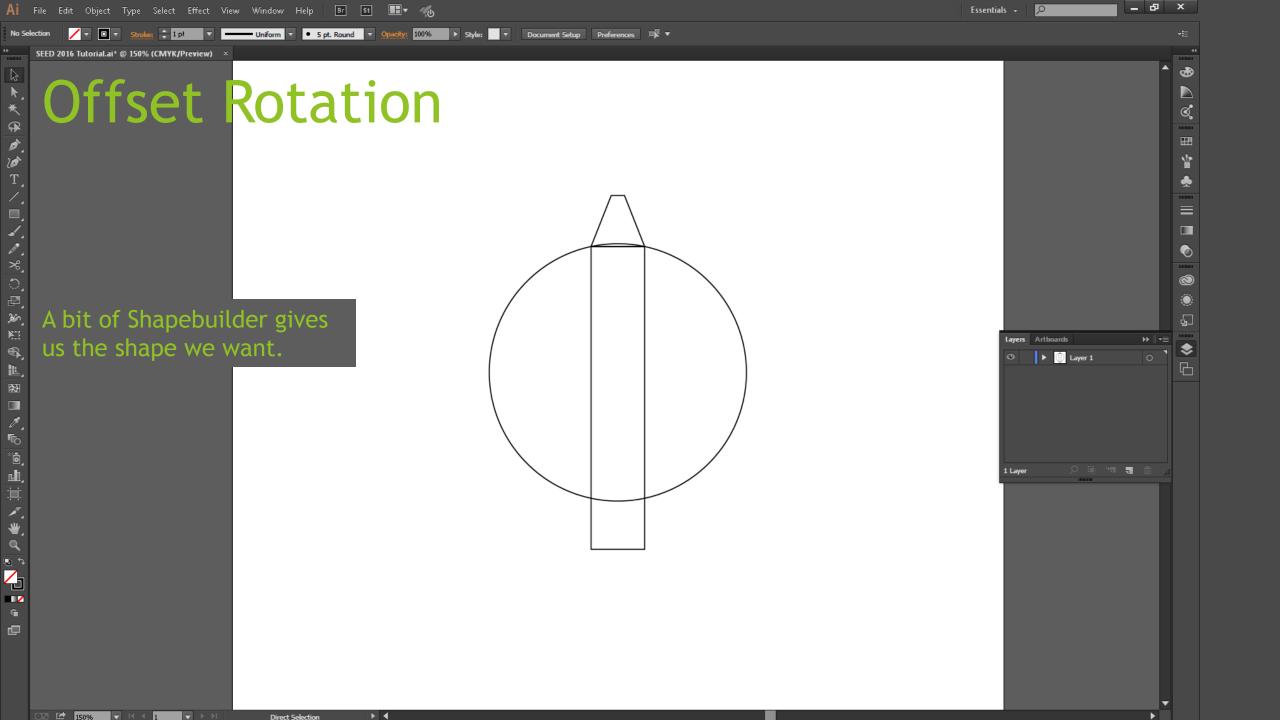


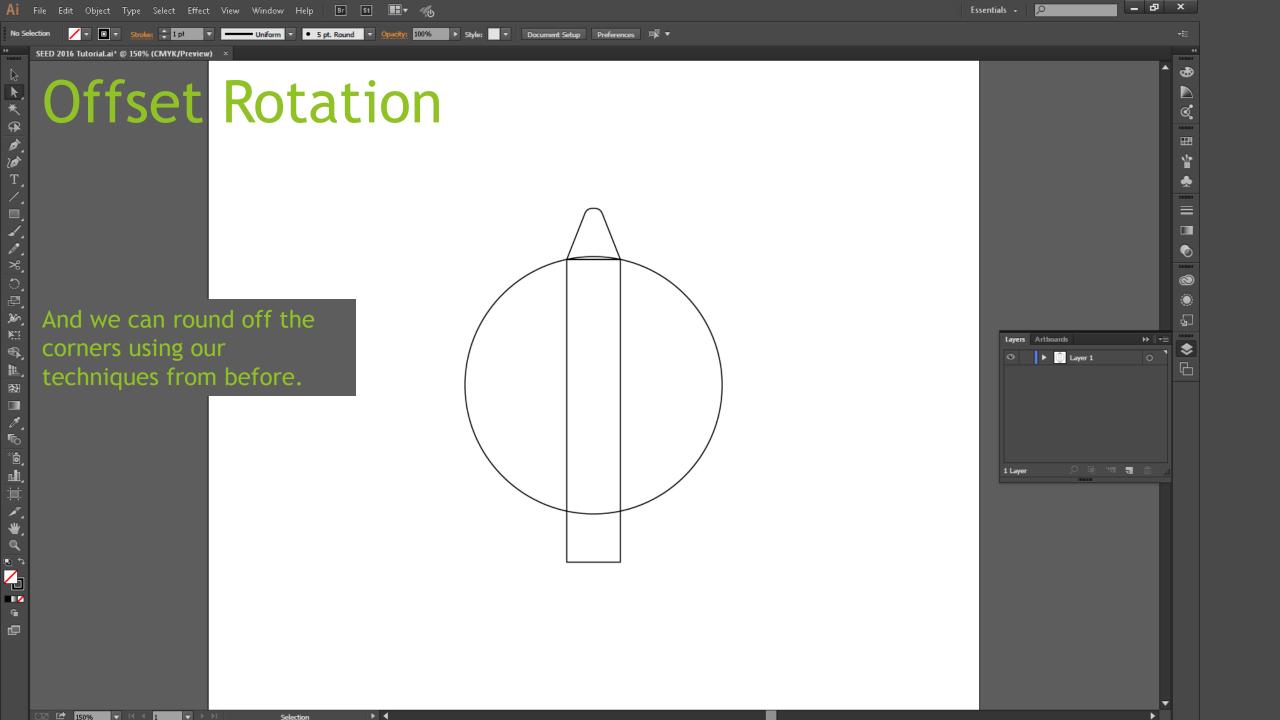


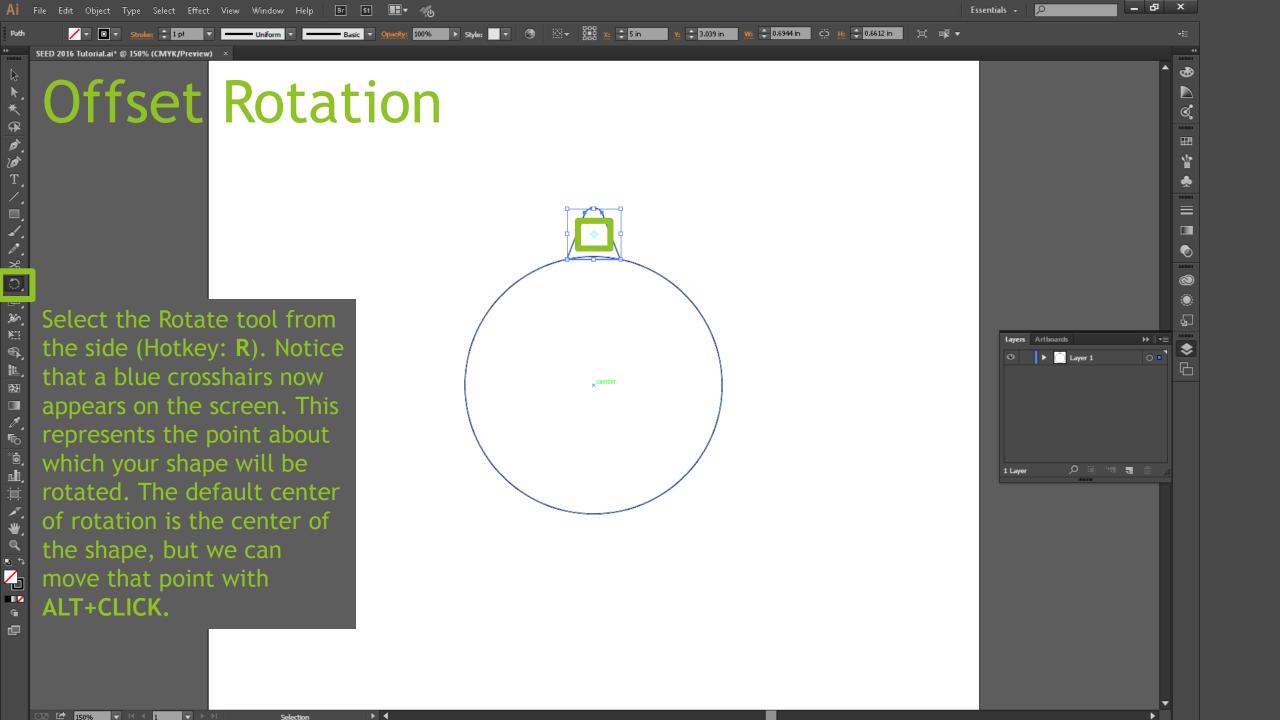


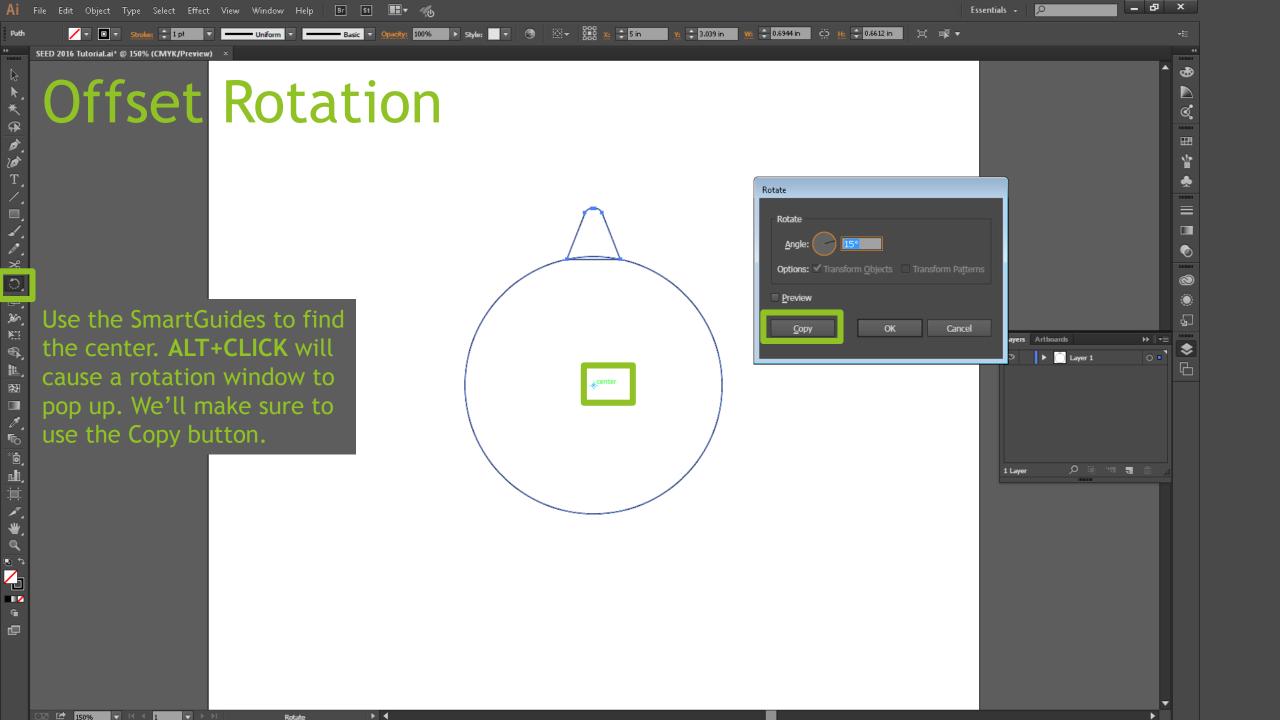


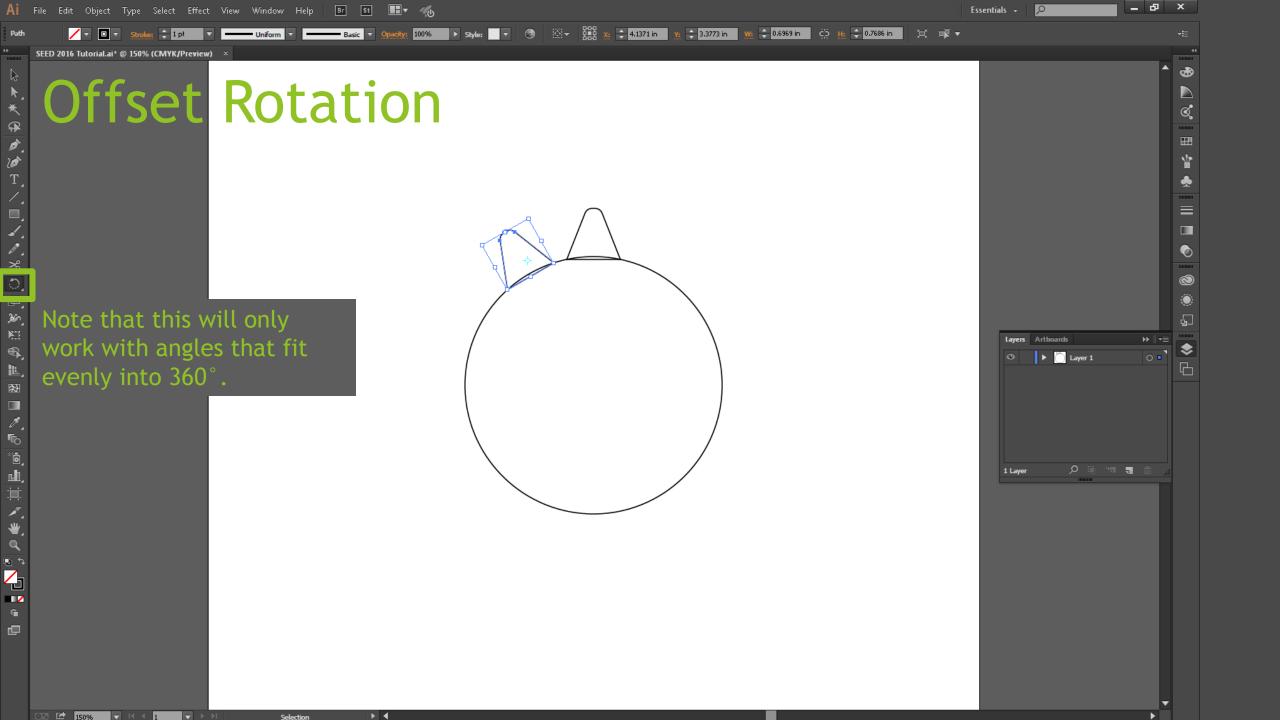


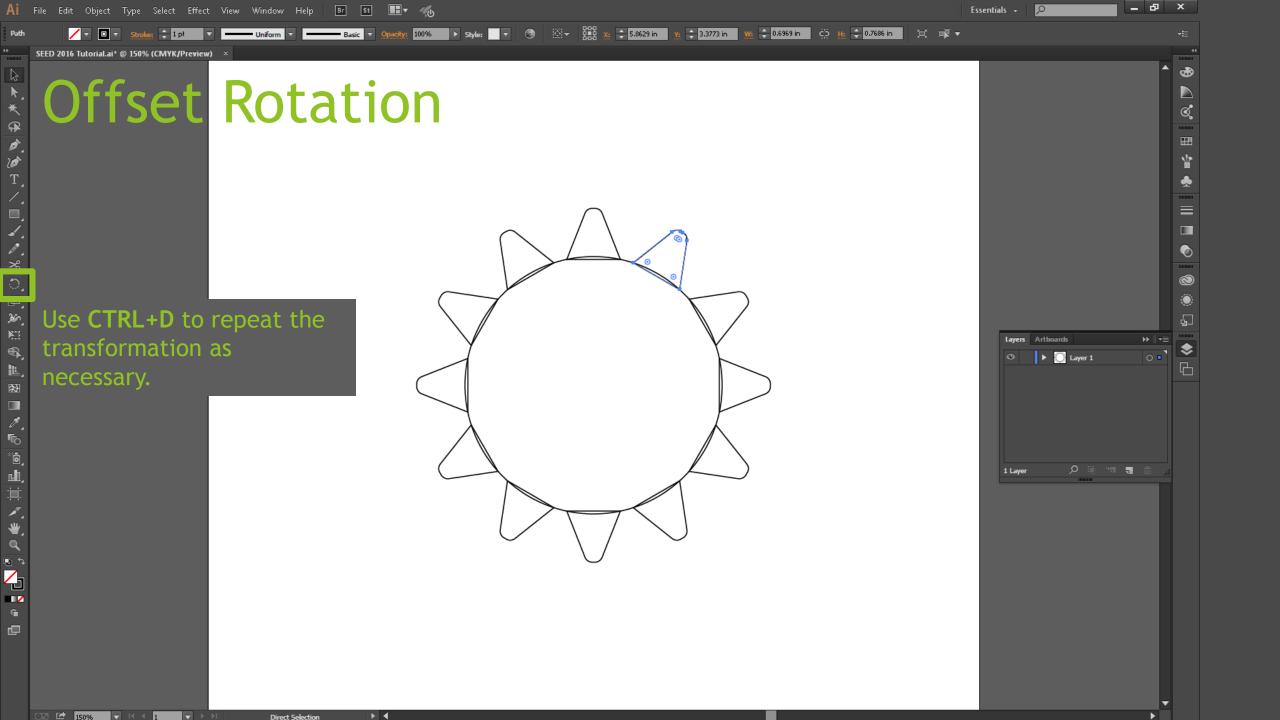


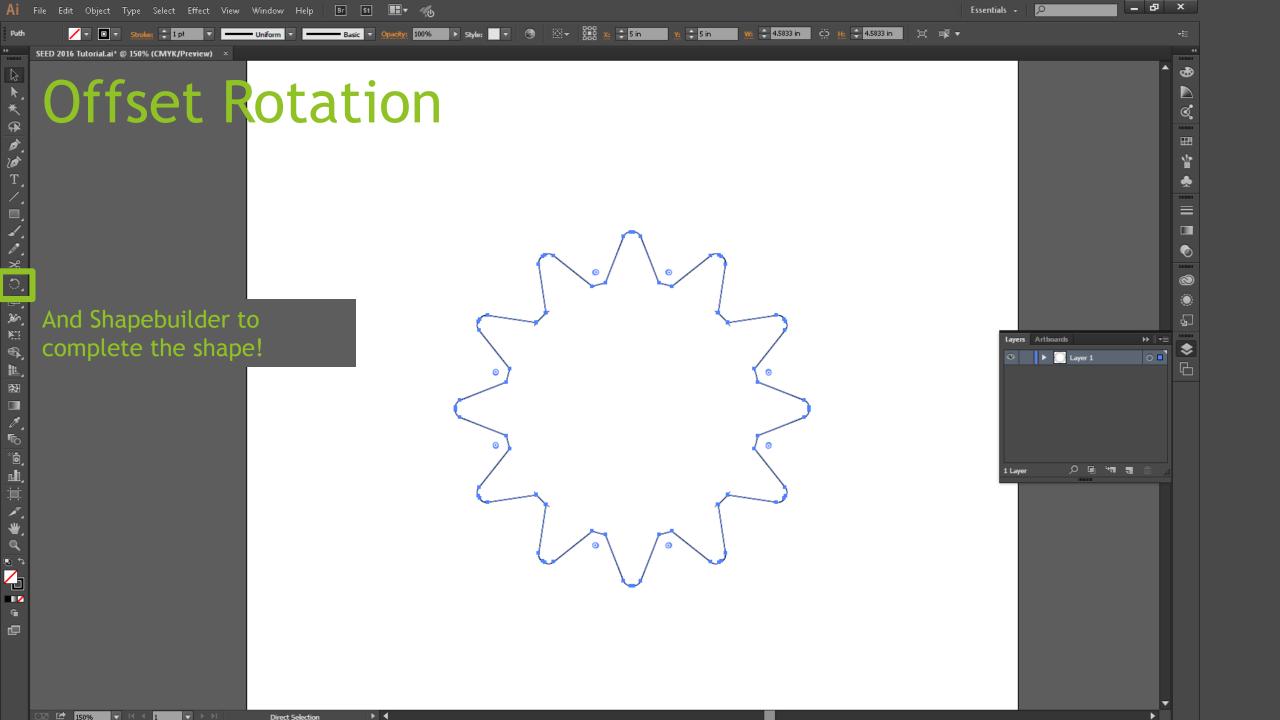












## Moderates Wrap-Up

- You should now be able
  - Use grouping and order to more specifically control your shape selection
  - Create and edit paths using the pen tool to make more customizable shapes and splines
  - ▶ Use image trace to convert objects into vectors
  - Offset outlines of your pieces to account for tolerances
  - ► Perform off-center operations (such as rotation) for more flexibility in part generation