



GOOGLE SKETCHUP 2015 SOFTWARE

SketchUp 2015 is a free download software that allows the user to create, modify and share 3D models. It is not as technical or powerful as some 3D modeling software that we will use in class but because it is less complicated it is an excellent introduction to the world of 3D modeling. You will be able to create a true 3D model the first time you work with the program.

Begin by opening **SketchUp 2015** from the PROGRAMS folder on your desktop (do not update the program when prompted).

ON-LINE TUTORIALS

Use the Introduction tutorial to get familiar with SketchUp. This file has already been downloaded to the Shared S: drive. Use **File / Open** to access the file:

Shared (S:) / Students / Technological Design / Google Sketch-Up 2015 / SPT_Intro.skp

Once you have reached tab 16 on the Introduction, **DO NOT** follow the directions. Instead, work your way through the following tutorials:

'Starting A Drawing - Part 1; Starting A Drawing - Part 2; and Starting A Drawing - Part 3'.

These files have already been downloaded to the Shared S: drive, use **File / Open** to access these files:

Shared (S:) / Students / Technological Design / Google Sketch-Up 2015 /

SPT-A_Start_Drawing_Part_1[1].skp

SPT-A_Start_Drawing_Part_2[1].skp

SPT-A_Start_Drawing_Part_3[1].skp

SKETCHUP DESIGN CHALLENGE

After completing the on-line tutorials, create a new drawing and try drawing a 3D model of the Roller Blade brake Pad and Brake Pad Holder.

Downloading Google SketchUp at Home

If you have enjoyed using this software, consider downloading it on your computer at home. Using the **Google** search engine type in **SketchUp** and follow the links for the free download. The current version is SketchUp 2017 and there is also a 'Pro' version that costs money but includes more tools for creating a technical drawing.

To access the files you used in this tutorial from home:

File / 3D Warehouse / Get Models
search for: Self-Paced Tutorials Google

This will open a Web page that includes the 'Introduction...' and the three 'Starting a Drawing...' tutorials, as well as others, available for download.