# SketchUp

## **Introduction**

- An application that allows users to draw 2D and 3D models.
- Simplest and Easiest to use.
- Mainly used for architectural, civil, mechanical engineering and other forms of design.

### **Sketchup for Web**

https://www.sketchup.com/en/products/sketchup-for-web

#### Steps:

- I. Sign in to Trimble or Create a Trimble ID
- II. https://app.sketchup.com/app

## **System Requirements for Sketchup**

#### **Recommended Hardware Requirements**

- 2+ GHz processor
- At least 8GB of RAM
- At least 2GB of available hard disk space

#### **Minimum Hardware Requirements**

- 1 GHz processor
- 4GB of RAM
- 1.5GB of available hard disk space

For more info visit: <a href="https://help.sketchup.com/en/sketchup/system-requirements">https://help.sketchup.com/en/sketchup/system-requirements</a>

#### **NAVIGATION**

- Hold Scroll Mouse Button: Orbit
- Scroll Mouse Button Up/Down: Zoom In/Out
- Shift + Hold Scroll Button or, (Orbit+ Shift+ hold left mouse button): Pan
- Hold Left Mouse Button: Selection

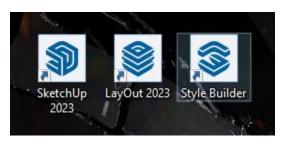
#### For Plugins/Extensions Download

- i. Extension Warehouse
- ii. http://sketchucation.com/

# To Understand New Features of SketchUp Pro 2023

Visit: <a href="https://help.sketchup.com/en/release-notes/sketchup-desktop-20230">https://help.sketchup.com/en/release-notes/sketchup-desktop-20230</a>

# SketchUp Pro



# SketchUp Make Vs Pro

SketchUp Features	Make	Pro
Build 3D models	0	0
Import CAD files	×	0
Export CAD and PDF files	×	0
Create multi-page presentation sets	×	0
Produce construction drawings	×	0
Export animation videos of any size	×	0
Present files and full-screen presentations	×	0
Add custom attributes and behaviors	×	0
Generate lists and reports	×	0
Use solid modeling tools	×	0
Make hand-drawn rendering styles	×	0
Work with simulated film cameras	×	0
Email technical support	×	0
Licensed for commercial use	×	0
Import, Export, and Create IFC Files	×	0