

GOOGLE SKETCHUP SYLLABUS

Interface & Workspace

- Toolbars & Menus
- Modeling Window
- Tray & Panels
- Navigation Tools (Orbit, Pan, Zoom)
- Preferences & Units Setup

Basic Drawing & Modeling Tools

- Line Tool
- Rectangle Tool
- Circle Tool
- Arc Tool
- Push / Pull Tool
- Follow Me Tool
- Move / Copy / Rotate / Scale

Precision Modeling

- Inference System
- Axis Locking
- Measurements Box
- Guidelines
- Accurate Modeling Techniques

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Groups & Components (CORE 🔥)

- Creating Groups
- Creating Components
- Editing Components
- Making Reusable Objects
- Dynamic Components (Intro)

Architectural Modeling

- Walls
- Doors & Windows
- Floors & Roofs
- Stairs
- Columns
- Floor Plans to 3D Conversion

Materials & Textures

- Applying Materials
- Editing Textures
- Custom Textures
- Realistic Surface Mapping

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3D Warehouse (VERY IMPORTANT 🔥)

- Using 3D Warehouse
- Importing Models
- Optimizing Heavy Models
- Creating Custom Assets

Scenes & Styles

- Creating Scenes
- Section Planes
- Style Settings
- Line Styles
- Shadow Settings

Layout & Documentation

Using SketchUp LayOut (Pro Version)

- Sending Model to LayOut
- Creating Floor Plans
- Dimensions & Annotations
- Scale Control
- Exporting Construction Drawings