



Technocation Freelancing Training Institute And Software House

Sketch Up Course Certification Module

MODULE 1: Introduction to SketchUp

- Learn what SketchUp is and how it works.
- Explore the interface and simple tools.
- Understand 2D and 3D design basics.
- Practice drawing your first shapes.

MODULE 2: Basic Drawing Tools

- Use Line, Rectangle, and Circle tools.
- Learn how to make accurate drawings.
- Practice joining lines into shapes.
- Try small sketching exercises.

MODULE 3: Creating 3D Models

- Use the Push/Pull tool to make 3D shapes.
- Learn Orbit, Pan, and Zoom controls.
- Understand edges, faces, and surfaces.
- Build simple 3D blocks and rooms.

MODULE 4: Applying Materials & Colors

- Add textures, patterns, and colors.
- Learn how to edit and mix materials.
- Apply realistic looks to your model.
- Practice coloring a full 3D object.

MODULE 5: Using Groups & Components

- Group objects to keep models tidy.
- Learn what components are and why they help.
- Copy and reuse components easily.
- Organize your model smartly.

MODULE 6: Measuring & Scaling

- Use the Tape Measure and Scale tools.
- Make models accurate in real size.
- Learn how to set units and dimensions.
- Practice resizing furniture or rooms.

MODULE 7: Working with Scenes & Views

- Save different camera views in SketchUp.
- Learn how to make smooth animations.
- Create scene transitions for presentation.
- Build a short walk-through video.

MODULE 8: Lighting & Shadows

- Turn on sunlight and shadow settings.
- Learn how time and date affect lighting.
- Add lamps and realistic brightness.
- Experiment with day vs night models.

MODULE 9: Importing & Exporting Files

- Import images or CAD files into SketchUp.
- Export 3D models as images or files.
- Save your projects for rendering tools.
- Share your work in different formats.

MODULE 10: Interior Design Modeling

- Model furniture and room layouts.
- Add doors, windows, and decor items.
- Practice making a living room model.
- Learn to balance space and style.

MODULE 11: Exterior & Landscape Design

- Create outdoor spaces with trees and roads.
- Use terrain and site tools.
- Add textures like grass and concrete.
- Make a small garden or park design.

MODULE 12: Rendering & Presentation

- Learn what rendering means.
- Add light, texture, and camera effects.
- Export a high-quality image of your model.
- Prepare your project for client presentation.

MODULE 13: Certification Module

- Complete a final 3D project from start to end.
- Apply all tools and techniques you learned.
- Submit your project for evaluation.
- Earn your **SketchUp Professional Certificate**.

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