

## **SketchUp Pro 2020 Essentials Training**

### **Courseware Description**

Teaches the fundamentals of 3D modelling in SketchUp which includes the following topics:

- Creation of 3D models.
- Incorporating textures, scenes and styles.
- Produce visualisations.
- Use SketchUp's key tools and commands.

The course can be tailored for each client to be relevant to the type of models and visualisations required.

### **Prerequisites:**

Architectural design, drafting, or engineering experience is recommended. A working knowledge of Microsoft® Windows® Vista, Microsoft® Windows ® 7 or Microsoft® Windows® 10.

### **Who Should Attend:**

This course is for Engineers, Architects, Designers as well as new users of SketchUp Make or SketchUp Pro. Delegates should have a working knowledge of Windows operating system.

## **Course Duration:**

Participants will get to choose between,

- 1 Day SketchUp Essential Training.
- Additional half day for SketchUp User Certification, duration will be 1.5 days with the inclusion of SketchUp Proficiency Exam.

## **General Information:**

SketchUp courses are hosted by experts in 2D Drafting & 3D modelling. Build your 3D modelling skills by mastering the basics of SketchUp. In this course, you will be able to familiarise with the ease-of-use functionality of SketchUp's 3D modelling tools.

Introduction to SketchUp training can be arranged on-request, i.e. one-to-one training or a course for your group. This means that the training can be:

- Provided when it suits you.
- Adapted to reflect the work you're going to be doing in SketchUp, focusing on topics that are most important to you, and reducing emphasis on those that are less so.

## **Course Outline**

### **A) SketchUp Fundamentals**

- Module 1 Introduction to SketchUp
- Module 2 Quick Start – Basic Operations
- Module 3 Core Concepts
- Module 4 Using Push Pull
- Module 5 Accuracy & Using Tape Measure Tool
- Module 7 Drawing & Selection Tools

- Module 8 Groups & Components
- Module 9 Layers (or Tags)
- Module 10 Using the Move & Follow me Tool
- Module 11 Terrain Surfacing
- Module 12 Match Photo Functionality
- Module 13 Model Presentation
- Module 14 Dynamic Components
- Module 15 Using Trimble Connect

## **B) Layout Essentials**

- Module 1 Layout Basics
- Module 2 Inserting Models
- Module 3 Dimension Annotations
- Module 4 Using Scrapbooks
- Module 5 Exporting/Output Process