SketchUp Pro Landscape Designer

by Viewsion

Google Authorised Training Centre

Course Objectives

The ability to deliver professional quality drawings is essential to the Landscape Designer/ Architect. Drawings must contain subtle information to identify and differentiate between elements using lineweights, textures and/ or colours. Clear notes and dimensioning and the ability to view a drawing from different scales is critical, along with notes, callouts, graphic devices, and titles. Such drawing requirements can take up huge resources in a busy office.

Layout allows the designer to import SketchUp scenes (or "viewports") under different scales and styles, and to dynamically change the view whether 2d (orthogonal) or 3d (axonometric/ perspective.) In this Course, the user is also shown how to create and view 2d CAD-like information within the Sketchup model and use this information to create drawings within LayOut. Users are instructed on the use of LayOut's graphic and interface tools to create text, textboxes, lines, curves, filled and outlined shapes, layering, alignment, colours, document size, scale settings, callouts, arrows, styles, lineweights, and drawing resolution among other elements. Documents are outputted in pdf format ready for printing.

To succeed fully in this course you should be able to:

- Compose groups, layers and components within SketchUp
- Manipulate SketchUp geometry and "stickyness"
- Utilise all of SketchUp's toolbars and standard drawing commands
- Understand and create groups and components in a heirarchy
- Scale groups and components
- View a model in section
- Align orthogonal views
- Turn on and off perspective
- Control section tools
- Import and export AutoCAD files
- Create rename and select styles

Note: Completion of SketchUp Essentials I & 2 Courses is a guaranteed prerequisite for this course and it is strongly recommended that you complete these courses (please request Course Outlines from us) unless you are confident that you have enough experience and training to proceed. Viewsion cannot take responsibility for lack of training in this regard but will accommodate candidates where possible.

It is strongly recommended that candidates have private use of SketchUp Pro 7 in order to properly benefit from this training programme. Viewsion can provide candidates with details and assistance on the purchase of 12 month student licenses for this purpose.

Upon completion of this course, you should be able to:

- Use the sandbox tools to create and manipulate 3d landscapes
- Create and use components- set up bespoke plant types from photos
- Demonstrate use of plugins to enhance landscape drawing techniques
- Maximise the use of CAD files within SketchUp
- Create walkthroughs of a model
- View objects and surfaces inside a model using multiple techniques
- Use surface rendering options to assist drawing technique
- Auto-scale the model
- Lock components and groups
- Create and use scenes to set up views for Layout
- Use layers and entity info to control colour and other settings
- Create and maniputate styles,
- Use shadows and set location
- Create and name components, groups and layers in a structured approach
- Use Outliner to create, identify, organise and select groups and components
- Control SketchUp preferences and document settings
- Create a 2d layers and plans, section views, turn on and off perspective

Using Layout:

- Update, scale, re-scale, change viewpoints of a SketchUp drawing reference within Layout
- Create drawing title blocks within Layout
- Use Layout's graphic tools to create various shapes, linetypes, thicknesses colours, infills, translucency, and masking options
- Use Layout's own layering system to control drawing information: turn off, lock, and organise layer visibility
- Control text size, positions and colours
- Turn on and off grid and control grid spacing
- Turn on and off snap to object and grid
- Create professional standard pdf construction drawings

Note: Viewsion provides each candidate with a full set of exclusively licensed Viewsion notes for this course, and exclusive access to our extremely useful collection of third-party plugins (these have been tested by us but are used at your own risk.) This course is not available anywhere else in the world!