

## Department of Corporate Training

### Sketch Up Level 2

This course examines advanced Sketch-Up visualization techniques utilizing the 3D functions of Sketch-Up software. It highlights spatial visualization, descriptive geometry and design communication methodology. Computer graphics techniques used to conceive, model, analyze, simulate, and evaluate design ideas. Emphasis on state-of-the-art design and geometric modeling software tools. Maintenance of drawing files through the use of operating system commands is applied and stressed.

#### **Topics:**

- Advanced Editing Techniques
- Drawing and Editing Architecture
- Pattern Fills and Hatching
- Managing Paper Space Layouts
- Plotting and Publishing
- Blocks and Xrefs, bringing in Revit Models
- Text, Hatching and Gradients
- Introduction to Rendering and 3D Max

#### ***Learning Outcomes:***

***At the end of the course students will be able to:***

- Construct blocks and assign attributes in a given set of parameters.
- Create complex architectural models.
- Create a site plan and environment.
- Enhance a drawing by using materials for rendering.
- Create 3D drawings and Renderings.
- Import / Export drawing files to select media.

***8 Hours of Education***