OVERVIEW OF COURSE

Autodesk Revit Landscape Fundamentals

Course Length: 4 days

The Autodesk Revit software is a powerful Building Information Modeling (BIM) program that has allowed countless firms to incorporate the BIM workflow into their designs. As a key component of this workflow, Autodesk Revit allows landscape architecture firms to produce powerfully intelligent designs.

The Autodesk Revit for Landscape Architecture course is designed to teach you how to use the Autodesk Revit software, with a focus on creating and documenting full 3D project models for an urban environment, as well as how to use the internal topography tools and the Site Designer add-in extension. You begin by learning about the user interface and basic drawing, editing, and viewing tools. Then you learn how to create topographical surfaces and modify the topography using Autodesk Revit tools and Site Designer tools. From there, you move into modeling hardscapes using walls, floors, and stairs, and adding components such as trees, site furniture and planting areas. Finally, you learn the processes that take the model to the construction documentation phase.

Topics Covered:

- Understanding the purpose of Building Information Management (BIM) and how it's applied in the Autodesk Revit software.
- Navigating the Autodesk Revit workspace and interface.
- Working with the basic drawing and editing tools.
- Starting a project based on Autodesk Revit models.
- Creating and modifying basic topography.
- Using Site Designer tools to modify topography with soft terrain features, sidewalks and curbs.
- Adding retaining walls, hardscape, stairs and other building elements.
- Placing components for plantings, furniture, and lighting.
- Setting up sheets for plotting with text, dimensions, details, tags, and schedules.
- Creating details.

Prerequisites

An understanding of landscape architecture terminology is an asset.

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