Autodesk AutoCAD Plant 3D Training Course

Course Overview

Course Length: 32-Hours

- 32-Hours – 8 x 4-hour training sessions
- Remote training over MS Teams
- Sessions are recorded and download links for each session are provide for future use
- Training for up to 1-3 People
- Sessions can start within 7 days upon ordering
- Flexible sessions (i.e. consecutive or Monday, Wednesday, Friday, etc.)
- Courses are private and topics can be customised to suit
- Includes Certificate of Completion

This Autodesk AutoCAD Plant 3D training course is designed to take you from project setup through to producing coordinated P&IDs, 3D piping models, and deliverables such as orthographic and isometric drawings. You will learn practical, industry-aligned workflows for modelling equipment, structures and piping, managing project data, and generating reports—while working in a guided, hands-on environment that can be tailored to your standards and project needs.

Topics Covered

- Understanding the purpose of Building Information Management (BIM) and how it is 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 kerbs.
- 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

- Basic understanding of 2D drafting concepts and Windows file management.
- AutoCAD fundamentals (selection, snaps, layers, properties, and basic editing) are recommended.
- Access to AutoCAD Plant 3D (installed and licensed) and a stable internet connection for remote sessions.
- Optional: Prior exposure to P&ID conventions will help but is not required.

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