



Pentagon

BELFAST • CORK • LONDON

AutoCAD Plant 3D Introduction Course

Gain credibility and get ahead with our Autodesk Training and Certification



Duration: 3 Days

Course Outline

Introduction to AutoCAD Plant 3D

Working in a Project Exercise: Work in a Project
Opening a Drawing
Open a Drawing in AutoCAD Plant 3D
Exploring the User Interface Lesson
Managing Layers and Colors

AutoCAD P&ID

Creating and Adding Existing Drawings
Create a New P&ID Drawing
Equipment and Nozzles
Piping
Place Lines and Inline Components
Instruments and Instrument Lines
Tagging Concepts
Add a Tag and Link Multiple Symbols to a Tag
Annotation Concepts
Annotate Your P&ID
Editing Techniques
Modify the Layout of your P&ID
Data Manager and Reports
Use Data Manager to Review, Export, and Import Data
Custom One-off Symbols
Customize One-off Symbols
Offpage Connections
Add and Leverage Off Page Connectors
Advanced Topics and Troubleshooting
Convert and Create Symbols/Solve Validation Issues
P&ID Admin for Users
Manage a P&ID Project
Generating Reports

AutoCAD Plant 3D - Mixed Metric

Creating Project Folders and Drawings
Steel Modeling and Editing Build a Steel Structure
Equipment Modeling and Editing
Piping Basics
Route Pipe and Add Fittings, Branch Connections, and Pipe Supports

Piping Editing and Advanced Topics
Modify and Reuse Data
Working with P&ID Data in Plant 3D
Add and Validate Pipelines Using the P&ID Line List
Creating and Annotating Orthographic Views
Create and Annotate Orthographic Views
Creating Isometric Drawings
File Handling
Work with Autodesk Navisworks Files
Basic Navigation and Walkthrough
Navigate Your Way through a Design
Clash Detection
Conduct Clash Tests
Highlights of Scheduling and Rendering
Working with the Fourth Dimension
Setting up and Administering a Plant Project
Overview of Project Setup
Set Up and Structure Your Project
Overview of Project Structure and Files
Manage Your Project
Setting Up Larger Projects
Set Up a Project for Multiple Users
Defining New Objects and Properties
Create Symbols and Set Up the Tagging Scheme
Customizing Data Manager
Create Views and Manage Reports
Creating and Editing Drawing Templates and Data Attributes
Create a Template for AutoCAD Plant 3D
Specs and Catalogs
Configure Specs and Catalogs
Isometric Setup
Create a Custom Isometric Drawing Set Up
Troubleshooting
Creating and Managing Report Configurations
Create and Manage Report Configuration Files
Setting Up SQL Express for AutoCAD Plant 3D

Please do not hesitate to contact us for registration and further information

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