



# 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

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

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