AutoCAD Plant 3D Syllabus

Introduction

- About AutoCAD Plant 3D
- About Resources

User Interface

- User Interface Intro
- Launching AutoCAD Plant 3D
- Workspaces
- Application Menu
- Ribbon
- The Properties Palette
- Data Manager
- Spec Viewer

Projects

- Project Intro
- Project Environment
- Project Details
- File Name Format

Process & Instrumentation Diagrams (P&ID)

- (P&ID) Introduction
- (P&ID) Symbology
- Add Equipment
- Schematic Lines
- Schematic Line Edit
- Adding Valves

3D Model

- P&ID Object Mapping
- The Visual Style Manager
- Structural Model Introduction
- About Structure
- Structural Grids
- Footing
- Members
- Platforms
- Stair and Railing
- Ladder
- Mechanical Model Introduction
- Create Centrifugal Pump
- New Vertical Tank
- Save Template
- Modify Equipment
- Add and Edit Nozzle
- P&ID Line List
- Piping in Model
- Pipe Support

Spec Editor

- Introduction
- Launching Spec Editor
- Open Spec
- Add Part to Spec
- Edit Parts
- Part Use Priority
- Edit Valve Operators
- Create Spec

- Fixed Pipe Length
- Using Spec Viewer in a Project
- Catalog Editor

Isometric Views

- Introduction
- Iso Styles Setup
- Themes
- Annotation Setup
- Dimension setup
- Sloped and Offset Piping setup
- Title Block and Display
- Quick Iso
- Production Iso

Orthographic Views

- Introduction
- Ortho Settings
- Bill of Materials
- Orthographic Plan
- Adjacent View
- Annotations and Dimensions
- Plant Object Tools

Publishing and Printing

- Publishing and Printing Introduction
- Publishing
- Printing

Report Creator

- Report Creator Introduction
- Starting Report Creator
- New Report
- Report Designer