

AutoCAD Plant 3D Advanced Training

2-day class

This AutoCAD Plant 3D course covers advanced topics regarding the setup and customization of the software. Students will learn how to setup AutoCAD Plant 3D projects to meet engineering standards and requirements. Students will learn how to manage projects and templates for various types of drawings, create custom data, tags and annotations. In addition, students will learn how to create custom parametric and block based parts in the catalogs, configure orthographic and isometric drawings and create custom reports. Students will acquire in depth knowledge on the creation and modification of piping specifications.

This class is designed for Advanced Users, CAD Administrators and Project Managers and requires a working knowledge on the essentials of the Plant 3D software that is covered in the AutoCAD Plant 3D New User Training course. A working knowledge of Plant 3D's advanced P&ID features as covered in the AutoCAD P&ID Advanced Training course is helpful but not required.

- **Plant 3D Project Management**
 - Managing Projects
 - Project Setup
 - Project Symbol Style Drawing
 - File Naming Format
 - Customizing Model Templates
 - Manage Piping Layers and Colors
 - Non-Piping Model Layers
 - P&ID Object Mapping
- **Plant 3D Class Definitions And Properties**
 - Classes / Subclasses – Tree Structure
 - Class Properties
 - Creating New Classes / Subclasses
- **Plant 3D Tag Styles And Annotation**
 - Pipe Line Numbers
 - Create & Modify Selection Lists
 - Tag Formats and Properties
 - Customizing Tag & Annotation Styles
- **Plant 3D Spec Editor**
 - Adding Catalog Parts to a Spec
 - Modifying Available Sizes and Properties
 - Part Use Priority
 - Branch Table Setup
- **Plant 3D Catalog Editor**
 - Creating Parametric Parts
 - Creating Block Based Parts
 - Instruments
- **Plant 3D Orthographic Drawings**
 - Project and Drawing Custom Properties
 - Ortho Drawing Settings
 - Ortho Drawing Template & Title Block
- **Plant 3D Isometric Configuration**
 - Isometric Drawing Settings
 - Isometric Styles
 - Isometric Drawing Template & Title Block
- **Report Creator & Data Manager**
 - Customizing Reports
 - Creating & Modifying Reports
 - Data Manager Configuration
 - Export / Import Settings
- **Project Tools**
 - Validating Projects & Settings
 - Audit Projects
 - Purging the Data Cache