



Autodesk® AutoCAD Plant 3D™ - Fundamentals

Brief Synopsis of Class Contents:

This live, online class covers the basics of Autodesk® AutoCAD Plant 3D® utilizing intelligent P&IDs to streamline reporting and coordinating piping assets. Students will be introduced to the concepts of P&ID, line groups, placing symbols, and , and the administration of Plant Projects.

Learning Objectives:

- Become familiar with the concepts and benefits of project based Plant design.
- Understand the fundamental concepts and features of Autodesk® AutoCAD Plant 3D®.
- Use the schematic tools of P&ID to start designing a Plant project. Use the 3D tools to create designs that meet or exceed the requirements of the plant being designed.
- Use the automated tools for project documentation in orthographics and isometrics.
- Develop an initial level of comfort and confidence with Autodesk® AutoCAD Plant 3D® through hands-on experience

Courseware:

Ascent Official Training Courseware:
Introduction to Plant Design - Imperial

Number of Days:

2 Half Day Sessions

Continuing Education Hours:

7 hours

Who Should Attend:

All new users of AutoCAD P&ID

Prerequisites:

AutoCAD fundamentals knowledge and experience.

The current version of the Plant 3D software must be installed on your computer prior to class.

System and Software Requirements:

<http://www.asti.com/LiveLab-Learning-amp-Training/LiveLab-System-Requirements>

FAQs and Cancellation Policy:

<http://www.asti.com/LiveLab-Learning-amp-Training/LiveLab-FAQS>

Class Outline and Topics:

Introduction to AutoCAD Plant 3D

- Working in a project
- User Interface
- Managing layers and colors

AutoCAD P&ID

- Creating new drawings in a project
- Equipment and Nozzles
- Pipe lines and Inline components
- Instruments and lines
- Tagging and Annotations
- Data management and reports
- Custom symbols
- Off page connections
- P&ID Administration

Project Administration

- Project setup
- Multi-user projects
- New objects and properties
- Customizing the Data Manager, DWG Templates, and introduction to Reports

