

## General Information:

**Duration:** 2 days

**Prerequisite:** AutoCAD Introduction

**Courseware:** Included

**Achievement:** Certificate

**Time:** 8:30 am – 4:30 pm

**Locations:** All courses are offered online, on-site, or in-person at SolidCAD training facilities across Canada, including:

Burnaby, BC  
Calgary, AB  
Edmonton, AB  
Winnipeg, MB  
Richmond Hill, ON  
Montreal, QC  
Quebec City, QC  
Dartmouth, NS

## Pricing, Registration &

**Scheduling:** Please contact our training coordinator at 1-877-438-2231 x227 or via email at [training@solidcad.ca](mailto:training@solidcad.ca)

**Complete course listing:**  
[www.solidcad.ca/training](http://www.solidcad.ca/training)

## Course Description:

The features and functionality of AutoCAD® P&ID are covered in this AutoCAD P&ID Essentials training course. See how P&ID extends basic AutoCAD functionality for process diagrams. This class is intended primarily for Process Engineers, Designers or Draftsmen who are required to create piping and instrument diagrams.

SolidCAD's AutoCAD® P&ID course empowers users to reap full benefits of the software. The users will learn how to use the AutoCAD®P&ID to complete a plant design project. This training course provides a comprehensive overview that includes all common workflows for plant design plus a focus on project setup and administration.

## Learning Objectives:

- Introduction to AutoCAD Plant 3D
- AutoCAD P&ID
- Equipment and Nozzles
- Piping
- Instruments and Instrument Lines
- Tagging/Annotation Concepts
- Editing Techniques
- Data Manager and Reports
- Custom One-off Symbols
- Offpage Connections
- Data Manager Report and Reports Generator
- Overview of Project Setup
- Overview of Project Structure and Files
- Setting Up Larger Projects
- Defining New Objects and Properties
- Customizing Data Manager
- Creating and Editing Drawing Templates and Data Attributes
- Specs and Catalogs
- Troubleshooting
- Creating and Managing Report Configurations
- Setting Up SQL Express for AutoCAD Plant 3D