

**PREREQUISITES**

For online training, students should have access to a machine with AutoCAD Plant 3D installed and activated. Having a dual monitor setup is highly recommended.

INCLUSIONS

6 half days of Online Training and Tuition, Cadgroup Certificate of Completion, and a AutoCAD Plant 3D fundamentals eBook.

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AUTODESK® AUTOCAD PLANT 3D Fundamentals

In this Plant 3D course you learn how to use the AutoCAD P&ID, Catalogue and Spec Editor, AutoCAD Plant 3D and Report Creator software products to complete a plant design project. This training guide includes five chapters comprised of lessons, exercises and review questions. The training guide provides a comprehensive overview that includes all common workflows for plant design.

COURSE OUTLINE

- Introduction to AutoCAD Plant 3D:
Working on a project; opening a drawing; exploring the UI; managing layers and controls.
- AutoCAD P&ID Drafting:
Creating and adding existing drawings; equipment and nozzles, piping, instrument and instrument lines; tagging concepts, annotation concepts, editing techniques, data management and reports; custom one-off symbols; off-page connectors; generating reports.
- AutoCAD Plant 3D Modelling:
Creating project folders and drawings; steel modelling and editing; equipment modelling and editing; piping basics, piping editing and advanced topics; working with P&ID data in Plant 3D; creating and annotating orthographic views; creating isometric drawings.
- Autodesk® Navisworks:
File handling; basic navigation; clash detection; highlights of scheduling and rendering.