

Advanced AutoCAD Plant 3D

Training course outline

AutoCAD Plant 3D training course for existing users covering the use of advanced functionality, and the setup and customisation of the application.



Course summary

Topics covered include:

- Managing projects and templates
- Creating smart Piping and Instrumentation Diagrams (P&IDs)
- Use of the Spec and Catalogue Editor for creating and modifying piping specifications, custom parametric and block-based parts
- Creating custom data, tags and annotations
- Configuring isometric drawings
- Creating custom reports.

Duration

Two days.

Who should attend?

Newcomers to AutoCAD Plant 3D and novice AutoCAD Plant 3D users.

Prerequisites

You should have a good working knowledge of AutoCAD Plant 3D, i.e. be familiar with the topics taught in our *AutoCAD Plant 3D Essentials* course (see armada.co.uk/acadp3d/syllabus).

In-class or live online

You can attend in-person at our centres, or participate live online from your place of work or home.

To read about our approach to online training, see armada.co.uk/liveonline.

General information

Armada is a long-standing Autodesk authorised Training Centre (ATC), and our courses are accredited by Autodesk.

Courses are hosted by Autodesk Certified Instructors (ACIs) with vast experience of using the application professionally.

Whilst attending training at our centres, you'll have the use of a computer running licensed software to practice the techniques taught.

Refreshments and lunch are provided.

Course fees can be paid by card or bank transfer. We accept purchase orders from UK-registered companies and public sector organisations.

Course materials and certificate

You'll receive:

- A comprehensive training guide and practice files.
- An e-certificate confirming successful completion of an accredited *Advanced AutoCAD Plant 3D* course.

Method of delivery

Training is designed for the busy professional, being short and intensive and combining lecture and demonstration. Practical exercises carried out under guidance help you learn the techniques taught.

You have ample opportunity to discuss specific requirements with the trainer.

After course support

Following training, you're entitled to 30 days' email support from your trainer.

Further information

See armada.co.uk/course/advp3d.

Course syllabus

See over.

Topics	Sub-topics
Session 1: P&ID	<ul style="list-style-type: none"> P&ID overview Creating a new P&ID Creating user-specific P&ID components Adding custom reportable properties Creating custom tags Mapping P&ID components to 3D components Creating custom line types P&ID templates and title blocks Linking P&ID drawings
Session 2: Spec and Catalogue Editor	<ul style="list-style-type: none"> Creating a new spec based on an existing catalogue Parts priorities Branch tables Creating new parametric objects Creating new objects from AutoCAD Adding Isometric symbology coding
Session 3: Isometric drawings	<ul style="list-style-type: none"> Iso templates and title blocks Creating custom Iso symbols
Session 4: Reports	<ul style="list-style-type: none"> Creating custom reports Adding queries Adding branding Data Manager advanced use