AutoCAD Plant 3D Spec and Catalog Editor
Training course outline

AutoCAD Plant 3D training for existing users, teaching how to edit the out-of-box specs and catalogs, and create new ones from scratch.

You'll learn to create custom components based on pre-programmed parametric shapes and AutoCAD software blocks, and generate spec and catalog reports.

Course summary
Topics covered include:

- Creating a new pipe spec.
- Setting the parts priority.
- Working in the Branch Table Editor.
- Adding components from standard parametric objects.
- Adding a new component from an AutoCAD 3D Model.
- Adding details for a component.
- Managing projects and templates.
- Testing the pipe spec.

Duration
Two days.

Who should attend?
Existing AutoCAD Plant 3D users who want to create custom parts.

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 *AutoCAD Plant 3D Spec and Catalog Editor* 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/p3dspec.

Course syllabus
See over.

AUTODESK
Authorised Training Centre

armada

Topics	Sub-topics
Creating a Plant 3D project	
Creating a New Pipe Spec	
Adding Components to a Pipe Spec	Adding flanges
	Adding fasteners
	Adding olets
	Adding caps
	Adding reducers, tees and elbows
	Adding valves
Setting the Parts Priority	Setting the parts priority for elbows
	Setting the parts priority for flanges
	Setting the parts priority for reducers
	Setting the parts priority for tees
Working in the Branch Table Editor	Creating branch connection types
	Adding a standard 90° tee
	Adding a reduced 90° tee
	Adding a tee with a reducer
	Adding a stub-in connection
	Adding an olet connection
	Applying symbols to pipe sizes
	Testing the connection types

Topics	Sub-topics
Adding Components from Standard Parametric Objects	
Adding a New Component from an AutoCAD 3D Model	Creating a valve in 3D
	Converting a model into a usable Plant 3D component
Adding Details for a Component	Bringing the information and the 3D model together
	Adding the custom valve to the pipe spec and test it
	Testing the Pipe Spec in an Isometric Drawing