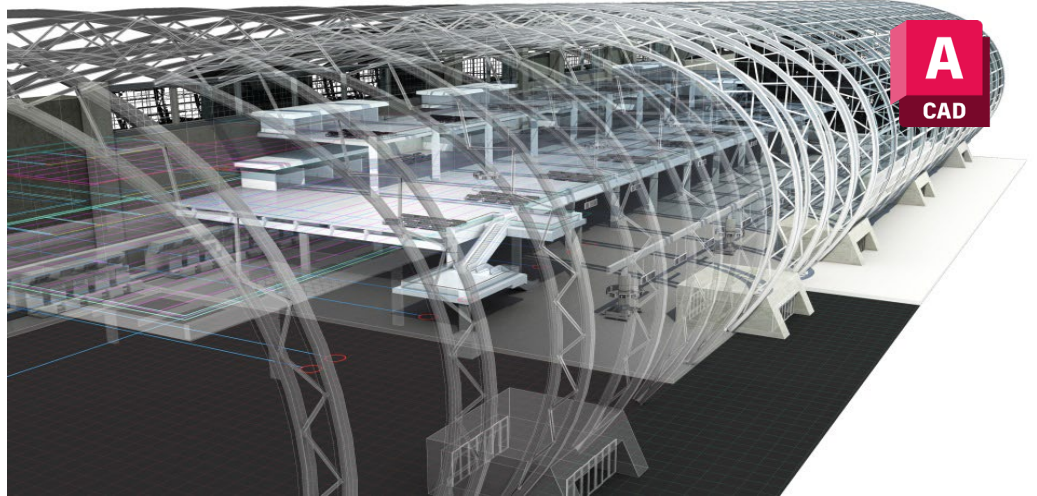


AutoCAD Intermediate

Training course outline

Building on the basics, this course teaches the use of AutoCAD's more advanced features and commands for 2D drawing.

You will learn a wide range of techniques, tricks and tips that most AutoCAD users are unaware of, that will bring you significant productivity gains and ensure you're utilising the full power that AutoCAD offers.



Course summary

Following on from *AutoCAD Essentials*, this course teaches further AutoCAD skills including:

- Setup and configuration of AutoCAD.
- Advanced use of layers.
- Dimensioning strategy and principles.
- Scaling with text and dimensions.

Duration

Three days.

Prerequisites

Delegates should be familiar with the fundamentals of AutoCAD, i.e. the topics covered in our *AutoCAD Essentials* course (see armada.co.uk/autocadess/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 Intermediate* 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/autocadint.

Course syllabus

See over.

Follow-on course

- *AutoCAD 3D* (2 days).

Course syllabus

Session	Topics
Advanced drawing techniques	Working with splines Creating advanced polylines Isometric drawings
Tables and table styles	Creating a table style Importing from and exporting to tables
Working with reusable content	Advanced tool palettes DesignCenter
* Using Macros for Customisation	
Customising the User Interface	
Using system variables	
Dynamic blocks	Creating a dynamic block Adding an action Adding a parameter Creating multiple shapes in one block
* Parametrics	Creating parametric objects Using structural constraints Using AutoConstrain Using formulae
Attributes	Creating User-defined attributes Creating field-driven attributes Editing attributes Text fields * Data Extraction
External references (Xrefs)	Raster Images Drawing files Overlay vs attachment Team collaboration Using eTransmit for distribution
Draw order	

Session	Topics
User Coordinate Systems (UCS)	Working with the World Coordinate System (WCS) Setting custom UCS Saving multiple UCS
Importing PDF files	Controlling the PDF display Importing a PDF as an AutoCAD drawing
Advanced dimension styles	Dimension sub styles Using the dimension tool Dimension tolerancing
Multileader styles	
Wipeouts and revision clouds	
Annotative behaviour	Creating and using annotative text Creating and using Dimensions Creating and using Leaders Creating and using blocks Creating and using hatching
Advanced use of layer groups and filters	Creating a group filter Layer visibility within a viewport
Advanced layouts and paper space	Advanced creation techniques Viewport manipulation Creating custom viewport scales Named views
Line weight control (pen setup)	Object line weight Layer line weight Colour line weight (CTB files)
Advanced plotting and exporting	* Sheet sets Batch plotting Exporting DWF and DWFX files
Working efficiently	Purging
Setup and configuration of AutoCAD	

* To fully participate in this course, you require full AutoCAD. AutoCAD LT doesn't support the topics marked with an asterisk. If you're participating in this course online using AutoCAD LT, you'll have to watch these sessions without participating.