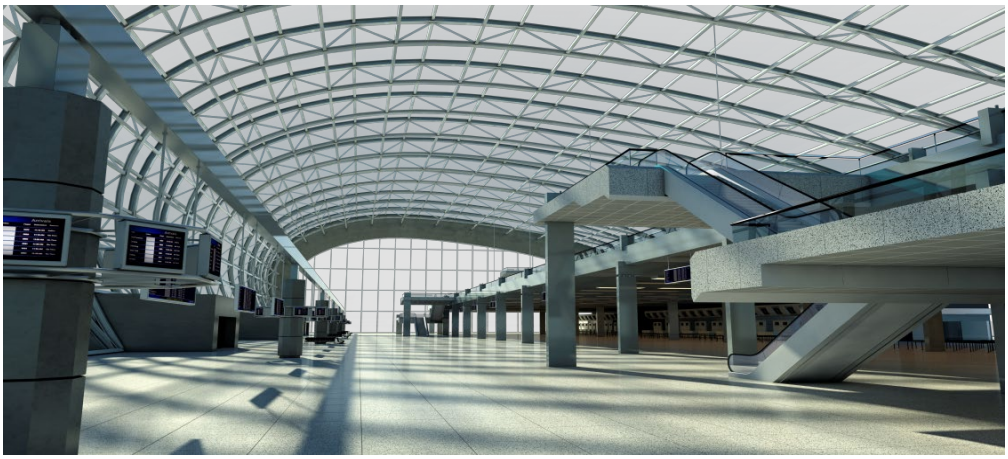
AutoCAD Essentials

Training course outline

AutoCAD is the industry leading 2D drawing software.

AutoCAD Essentials training provides a thorough grounding in AutoCAD for beginners. On completion, you will be able to use AutoCAD to create high quality, accurate 2D drawings and update existing drawings.



Course summary

This course teaches the most widely used commands and techniques for 2D drawing in AutoCAD.

The drawing techniques taught are generic, relevant to all industries.

All are applicable to both AutoCAD LT and full AutoCAD.

Duration

Three days.

Who should attend?

Newcomers to AutoCAD and novice AutoCAD users.

General information

Armada is an Autodesk authorised Training Centre (ATC), and our *AutoCAD Essentials* course is accredited by Autodesk.

AutoCAD courses are hosted by Autodesk Certified Trainers (ACTs) vast experience using AutoCAD in industry.

Whilst attending training, delegates have the use of a computer running licensed AutoCAD software on which to practice the techniques taught. Refreshments and a buffet lunch are also provided.

Course fees can be paid by card or bank transfer.

Courseware and certificate

Delegates receive:

- Autodesk Official Training Guides, the most comprehensive AutoCAD training materials available.
- An e-certificate from Autodesk confirming attendance on an accredited *AutoCAD Essentials* training 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 delegates to learn the techniques taught.

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

After course support

Following AutoCAD training, delegates are entitled to 30 days' email support from their trainer to help with any post-course issues.

AutoCAD professional certification

Armada is an authorised Autodesk Certification Centre (ACC) offering Autodesk professional certification exams which lead to 'Autodesk-certified professional in AutoCAD' status.

Further information

For further details, including prices and dates of forthcoming courses, see: armada.co.uk/course/autocad-training.

Course syllabus

See over.

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Course syllabus

Topics	Sub-topics
The AutoCAD interface	Features of the ribbon The Application menu The Quick Access toolbar The command line Keyboard shortcuts
Creating basic drawings	Creating basic objects Working with lines Working with arcs Working with polylines Using grips Using object snaps Using object snap tracking Using polar tracking
Saving your work	Auto-backups Other file formats, DXF, etc. Disaster recovery
Accurate object creation	Working with units Dynamic input Using Inquiry commands Using measurement tools to find length, area, etc.
Object viewing	Zooming techniques Panning techniques
Manipulating objects	Selecting objects in the drawing Noun/verb selection Using Quick Select Moving objects Copying objects Rotating objects Mirroring objects Arraying objects Scaling objects
Altering objects	Trimming and extending objects to defined boundaries Creating parallel and offset geometry Joining objects Filleting corners between two objects Chamfering corners between two objects Stretching objects

Topics	Sub-topics
Drawing organisation	Using layers Changing object properties Matching object properties Using the properties palette Using linetypes
Working with layouts	Using page setups Using layouts Scaling drawing views
Annotating the drawing	Creating multiline text Creating single line text Using text styles Editing text
Dimensioning	Creating dimensions Using dimension styles Editing dimensions Using multileaders
Hatching objects	Hatching objects Editing hatch objects
Working with reusable content	Creating and inserting blocks and symbols Editing blocks and symbols Using tool palettes Working with groups
Layouts and paper space	Understanding model space and paper space Creating layouts Creating and using viewports Setting viewport scales
Plotting your drawings	Plotting drawings PDF output Multiple sheet drawings Using Plotstyles
Drawing templates	Creating drawing templates Using drawing templates
One AutoCAD	AutoCAD toolsets AutoCAD web app AutoCAD mobile app