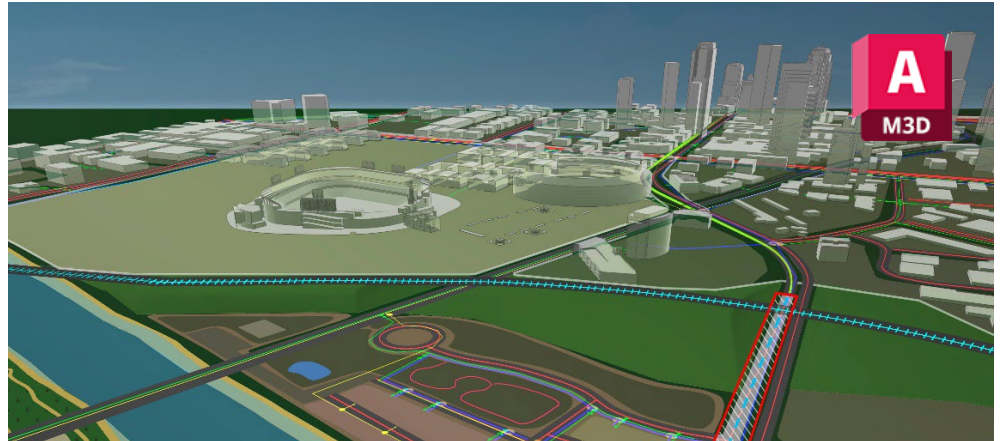# AutoCAD Map 3D for Geospatial

Training course outline

AutoCAD Map 3D i`s the industry leading spatial data creation software.

AutoCAD Map 3D for Geospatial training teaches the advanced geospatial features of AutoCAD Map 3D. On completion, you will be able to use AutoCAD Map 3D to create and manage geospatial data.

Course summary
Teaches the use of AutoCAD Map 3D's key features and functionality for creating, managing and analysing geospatial data.

Duration
2 days.

Who should attend?
Existing AutoCAD Map 3D users who want to begin using the application to work with geospatial data.

Prerequisites
You should have a good working knowledge of AutoCAD Map 3D, i.e. be familiar with the topics taught in our *AutoCAD Map 3D Essentials* course (see armada.co.uk/autocadess/m3d/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 Map 3D for Geospatial* 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/m3dgeospatial.

Course syllabus
See over.

Course syllabus

Topics	Sub-topics
Establishing a Geospatial Environment	Connecting to a feature source Working with point data Using coordinate systems Query features on connect
Stylizing Features	Stylizing features
Editing Features	Editing feature attributes and geometry Working with DEM files Moving Data Between DWG™ objects and FDO features Merging and splitting features
Managing Features	Using bulk copy Using joins with feature sources Using buffers Using calculated properties Adding geospatial data validation Using overlay analysis
Workflows	Using workflow designer for overlay analysis
Job Processes	Updating parcels with a newly subdivided zoning area Creating a map using cartographic standards Sharing geospatial data with a third party

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