

Johannesburg:
+27 10 595 2535
training@modena.co.za

Durban:
+27 31 312 9273
debbie@modenadurban.co.za

Cape Town:
+27 21 794 0702
cedelle@modenatechnologies.com



Devotech iDAS supports networked systems, as well as overland distribution networks. Networks are analysed real-time, without the need to export data to external applications. Devotech iDAS contains a comprehensive library of water network structures and pipes.

COURSE DURATION	CPD ACCREDITATION
2 Days	2 Credits - ECSA

COURSE OBJECTIVES

This course is designed to teach users all the tools needed to design a pressurised water system in Devotech iDAS and Autodesk Civil 3D. The training focuses on bulk water pipeline design and analysis, water reticulation network design and analysis, pumps, valves, water tank sizing and clash detection. All other tools needed for successful design such as surfaces, platforms, COGO points, plan production and quantities are also covered in this course.

PREREQUISITES

- Note: This course is designed for those using Civil 3D with a Windows operating system and is not designed for Civil 3D for Mac.
- Access to the 2024 version of the software, to ensure compatibility with this course. Future software updates that are released by Autodesk may include changes that are not reflected in this course. The practices and files included with this course are not compatible with prior versions.
- A working knowledge of basic design/drafting procedures and terminology.
- A working knowledge of your operating system.

TOPICS COVERED

- Bulk water pipeline design with iDAS, system curve and analysis
- Water reticulation design and analysis
- Pressure reducing valves
- Quantities
- Plan production using iDAS (plan and profile) - Bulk water
- Interference check
- Water reticulation design and analysis

C AUTODESK Civil 3D C3D



WE USE CIVIL 3D

RECEIVE THE FOLLOWING WHEN ATTENDING A COURSE AT MODENA:

- Autodesk Certificate of attendance

EXAMS AND CERTIFICATIONS:

- Autodesk Certified Professional in Civil 3D for Infrastructure Design

WHO SHOULD ATTEND

- Civil Engineers, Technologist, Technicians and Draughtsmen
- Civil Contractors and Surveyors

