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The Devotech iDAS and AutoCAD Civil 3D for Advanced Road Design training course covers streamlined workflows that provide the tools necessary to excel in this competitive industry. In this course you will learn how to use iDAS with Civil 3D to model multiple roads, simultaneously!

COURSE DURATION	CPD ACCREDITATION
5 Days	5 Credits - ECSA

COURSE OBJECTIVES

This course covers more advanced topics related to road network design such as advanced road subassemblies and assemblies, roundabout design, cul-de-sac design, advanced longitudinal sections, workflow for township design and workflow for long road projects.

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

- Introduction
- Subassemblies
- Hatch Road's Paving
- Road reserve
- Channel with Invert Profile Target
- iDAS Corridor Wizard
- iDAS Intersection Wizard
- Bellmouth Setting Out Points
- Horizontal Alignment Labels and Tables
- Roundabout Design
- Cul-de-sac design
- Plan Production Using iDAS
- Data Shortcuts
- Workflow for Townships with Phases
- Workflow for Long Road Projects
- Best fit alignment
- Road Rehabilitation Subassembly
- Advanced Longitudinal Section (KZN DOT)
- Guardrail Quantity Take-off
- Dual Road Assembly

C AUTODESK Civil 3D



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

