



AutoCAD Civil 3D 2012 for Road Design



Course Details

Course Duration: 2 days

Award: Autodesk Official Certificate in AutoCAD Civil 3D 2012 for Road Design

Course Description

This hands-on, foundation-level course covers the essentials of AutoCAD® Civil 3D® software as it applies to road design, including how to create and analyze a surface in AutoCAD Civil 3D, model roads and corridors, design junctions, calculate volumes and import and export data.

Objectives

The primary objective of the course is to familiarize students with the concepts and application of the essential functions of Autodesk Civil 3D as they apply to road design. After completing this course, students should be able to

- Create, edit, analyze and view surfaces
- Export Autodesk Civil 3D data
- Create and edit alignments, profiles, and sections
- Create assemblies and corridors
- Calculate corridor volumes
- Junction design wizard

Who Should Attend

Civil Engineers, technicians or draughting personnel working with AutoCAD or Civil 3D, and involved in road design projects.

Prerequisite: Students should have a working knowledge of AutoCAD 2006 or later and be familiar with Road Design principles.

Course Contents:

Surface Modeling

- Creating a Surface from LandXML
- Editing and Analyzing a Surface
- Adding Masks, Borders, and Contour Labels

Road Design

- Creating and Editing Alignments
- Creating and Editing Profiles

Sharing Data

- Exporting Civil 3D Data for setting out
- Calculating Corridor Volumes & Quantities

Junction Design

- Review of Surfaces, Alignments, Profiles
- Settings & prerequisites
- The Junction Design Wizard
- Editing & Widening Junctions

Corridor Modeling

- Creating Assemblies
- Creating & editing a Corridor Model
- Creating and editing Cross-Sections

Why choose Amicus Technology Training?

- Quality certification - We are an authorized Autodesk, Bentley & City & Guilds training and exam centre
- Personal Attention ensured - Maximum 8 candidates per class
- Follow-on telephone support included in all courses
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- We are constantly updating our courses to enable the candidate to avail of the latest software
- The West of Ireland's only Architecture, Civil Engineering & GIS authorized Autodesk reseller



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