



AutoCAD Civil 3D 2010 for Road Overlay Design



Course Details

Course Duration: 2 days

Cost : €595.00 per person

Award: Autodesk Official Certificate in AutoCAD Civil 3D 2010 for Road Overlay Design

Course Description

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

Objectives

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

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

Who Should Attend

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

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

Course Content:

Surface Modeling

- Creating existing road surface from survey
- Editing, Styling and Analyzing a Surface

Sharing Data

- Create sections that update automatically
- Calculating Corridor Volumes & Quantities

Overlay Design

- Creating and Editing Alignments
- Creating and Editing Profiles
- Creating Assemblies for road overlay
- Automatically control regulation depth
- Analyzing finished profile to ensure a smooth surface
- Visually displaying regulation depth on plan

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- Quality certification - We are an authorized Autodesk, Bentley & City & Guilds training and exam centre
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