



# AutoCAD Civil 3D 2012 for Road Overlay Design



## Course Details

**Course Duration:** 2 days

**Award:** Autodesk Official Certificate in AutoCAD Civil 3D 2012 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

## 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
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- The West of Ireland's only Architecture, Civil Engineering & GIS authorized Autodesk reseller

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