



AutoCAD Civil 3D 2010 for LIDAR Data & Large Datasets

Course Details:

Course Duration:	1 day
Cost:	€295.00 per person
Award:	Autodesk Official Certificate in AutoCAD Civil 3D 2010



Course Description

This advanced-level course covers the use of Autodesk® Civil 3D® software in handling LIDAR data. The course will explore the most efficient methods of dealing with LIDAR data and is applicable to any large datasets.

Objectives

The primary objective of this courseware is to teach the student the recommended workflows and basic skills needed to manage large datasets in AutoCAD Civil 3D. Upon completion of the course, the student will be proficient in creating and working with the design process, and be able to

- Weed out excess data at time of import
- Efficiently create and edit surfaces from LIDAR data.
- Create and manage MS Access database of LIDAR data
- Connect to a MS Access database from within Civil 3D, extract information and add to a surface.
- Create and manage Data Shortcuts in Civil 3D.

Who Should Attend:

The target audience for this class includes experienced Civil Engineers, technicians or draughting personnel who are using LIDAR data. Users should have a firm grasp on the fundamental features of Civil 3D and engineering principles

Course Content:

Import Data

- Weed data before import
- Create new point file format
- Simplify surface
- Data Clip Boundary

- Create a low resolution surface with higher resolution in areas of interest
- Use Map 3D tools to stylize points based on elevation

Control Surface Data Resolution

- Create MS Access database of points
- Use Map 3D tools to connect to database

Data Shortcuts

- Data shortcuts configuration
- Create and manage data shortcuts
- Civil 3D best practices for large datasets.

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
- We provide a range of courses to facilitate the candidate moving from an introductory level to advanced AutoCAD or specialist areas e.g. Architecture, Civil Engineering.
- 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



**Amicus Technology Ltd.,
Slieveaun, Clarinbridge, Co. Galway**

Tel: 091 776122

Fax: 091 796866

Email: info@amicustec.ie

www.amicustec.ie

