



## AutoCAD Civil 3D 2012 – Drainage Design



### Course Details:

**Course Duration:** 2 days  
**Award:** Autodesk Official Certificate in AutoCAD Civil 3D

### Course Description

AutoCAD Civil 3D 2012 including Storm & Sanitary Analysis (SSA) provide users with a powerful suite of Civil engineering design tools. We will use the full range of these tools to design the storm drainage network for a proposed site.

### Objectives

The course aims to provide users with the necessary skills to be able to design the drainage for a site using AutoCAD Civil 3D and SSA

### Who Should Attend

Civil Engineers, Engineering Technicians & Drafters who want to learn about using Civil 3D for site design.

### Prerequisites

Participants should have a good working knowledge of AutoCAD

### Course Outline

- Handling survey data
- Surface creation and best practices
- Creating Longitudinal sections
- Pipe layout network creation
- Pipe and structure rules in Civil 3D
- Surface analysis, catchment areas & gully locations
- Performing clash detections between pipe networks
- Introduction to SSA and importing data
- Analysis of rainfall data and run off calculation in SSA
- Pipe sizing and flow controls
- Creating reports
- Exporting data to C3D and updating model

### Why choose Amicus Technology Training?

- Quality certification - We are an authorized Autodesk & 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 Autodesk authorized Partner for Architecture, Civil Engineering & GIS solutions



**Autodesk**  
Silver Partner  
Architecture, Engineering & Construction

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

Tel: 091 776122

Fax: 091 796866

Email: [info@amicustec.ie](mailto:info@amicustec.ie)

[www.amicustec.ie](http://www.amicustec.ie)

**City & Guilds**

**Autodesk**  
Authorised Training Centre