



AutoCAD Civil 3D 2012 – Sports Pitch Design

Course Details:

Course Duration: 1 day

Award: Autodesk Official Certificate in AutoCAD Civil 3D

Course Description

This beginner level course provides a work-flow in AutoCAD Civil 3D 2012 for the design of a sports pitch with emphasis on earthworks balancing.

Objectives

The course aims to provide users with the necessary skills to be able to complete a proposed pitch design using AutoCAD Civil 3D.

Who Should Attend

Civil Engineers, Engineering Technicians & Drafters involved in the design of sports pitches.

Prerequisites

Participants should have a good working knowledge of AutoCAD. No previous knowledge of Civil 3D is required.

Course Outline

- Importing survey data
- Label, stylize and control point display
- Create ground model of existing conditions
- Contour and label existing ground model
- Use grading tools to model and grade proposed pitch surface
- Calculate earthworks volumes and edit design to balance cut/fill
- Output volume report from Civil 3D model
- Label proposed design surface for set-out
- Create profiles and cross sections
- Produce completed drawing layouts from Civil 3D model

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Amicus Technology Training
Slieveaun, Clarinbridge, Co. Galway

Tel: 091 776122

Fax: 091 796866

Email: info@amicustec.ie

www.amicustec.ie

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