# Civil 3D Essentials

**3 Day Autodesk Accredited Training Course**

## Objectives

This course is designed to teach delegates the essential elements of AutoCAD Civil 3D to new users.

## Audience

Delegates should have a thorough working knowledge of AutoCAD, and understand Civil engineering design and drafting.

## Agenda

- Importing survey data
- Creating surfaces
- Managing surface styles
- Surface labels
- Long sections
- Cross sections
- Feature lines
- Grading (earthworks)
- Volume calculations
- Balancing volumes

- Alignments
- Profiles
- Corridor design (roads)
- Road widenings
- Junctions
- Corridor material computation
- Corridor setting out
- Water drop
- Catchment areas
- Pipe networks

All courses are normally run on the latest software release. The agenda can be varied to suit a clients preferences and requirements. On completion of the course you will be presented with an Autodesk Authorised Completion Certificate. All our courses follow Autodesk approved coursework

## David Williams

Senior Civil Engineer
Mucklow & Harris

" *I attended a 3 day Civils 3D Course with Cadspec at their office in Worcester . Although proficient in CAD we needed more expertise in 3D Civils software. The Course was excellent and very helpful and went above and beyond to help us. The training centre and facilities are excellent and I would fully recommend Cadspec to any company looking for training any CAD package. They will be our first point of contact for any future training* "

**Locations**
Bristol
Derby
Worcester
Pencoed

**Info**
All food, equipment, software & amenities are provided. Please let a staff member know of any food allergies prior to the course.

**Contact**
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