

## Computer Aided Design 2D

### Award Level 2 City & Guilds

#### **Course Details**

This unit aims to equip candidates with the basic understanding and principles of a 2D drawing environment, in terms of hardware, software and physical surroundings. It will explore the typical composition of a CAD system and health and safety matters that are associated with safe working practices.

This unit covers **eight** learning outcomes. On successful completion of the course the candidate will be able to:

- Use associated IT, CAD hardware and operating systems.
- Use basic file management techniques and maintain health and safety requirements.
- Use and identify key components of the software relating to the 2D drawing environment.
- Use a range of viewing commands and set up the drawing space.
- Use drawing commands to produce shapes.
- Use the CAD software's co-ordinate system to aid accurate drawing.
- Use hatch, text and simple dimensioning routines.
- Use basic editing commands and produce simple hard copies.

#### **Entry Requirements**

Although no formal prior qualifications, learning or experience are required, candidates should ideally have a level of competence at least equal to that of the scheme.

#### **Assessment**

This unit will be assessed by:

- Two assignments covering practical skills - pass/fail.
- One GOLA on-line test covering underpinning knowledge – fail/pass/merit/distinction.

#### **Learning Outcome**

Students will have the opportunity to sit the assessment tests for this certificate, providing they reach the required level of proficiency.



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# Course Information

**ALL FEES ARE SUBJECT TO REVIEW  
PLEASE REFER TO PART TIME PROSPECTUS**

<b>FACTFILE</b>	
Attendance	Part Time
Duration	30 weeks
Starting	14/09/2011
Location	Corporation Road
Timetable	Wednesday 18.30-20.30
Course Tutor	D Holmes
Revision Date	June 2011
Division	Engineering