



C&G Level 1 Award in Parametric Modelling (7689-01)

Course Content

This course focuses on all 3D modelling aspects of computer aided design (CAD) using the latest form of Inventor.

Inventor Professional is the industry standard for all 3D modelling (product design, engineering, mechanical design, furniture design).

This course is highly suited to learners who are seeking to use Inventor professionally and would like to increase their knowledge, confidence and employability in such a niche industry.

September start

Awarding Body

City & Guilds

Location

Middlesbrough

Duration

30 Weeks

Start Date

Various

Entry Requirements

Applicants must be computer literate and have some understanding of basic engineering drawings.

Assessment Methods

This qualification is assessed via two practical timed assessments and one online multiple choice test.

Units Include

Using associated IT

CAD hardware and operating systems

Using basic file management techniques and maintaining health and safety requirements

Understanding the parametric modelling process, the user interface and how to access help and tutorials

Using a range of commands to create and constrain sketches

Using a range of commands to produce extruded and revolved features

Using placed features to modify parametric models

Using methods to create assemblies

Using the drawing layout environment to produce hard copies

Job Sectors

Engineering

Design

Architecture

Business Benefits

Future-proof your workforce

Prevent skill shortages

Increased productivity

Employee Benefits

Career development

Learn new skills

personal development

Hold a recognised national award

If you have any further queries, please contact the Northern Skills Group team on **03453 40 40 40**

Downloaded from **www.northernskills.co.uk**