



# Level 1 Award in Parametric Modelling (Computer Aided Design) (Part-Time)

This course will equip delegates with an understanding of the Computer Aided Design (CAD) Parametric Modelling environment, in terms of hardware, software and physical surroundings. It will explore the typical composition of a CAD Parametric Modelling system and Health and Safety matters that are associated with safe working practices.

Upon completion, students will have a basic understanding of the CAD environment and should be able to create 3D models, 3D assemblies and 2D drawings that conform to relevant industry standards.

This course is ideal for those who have no, or little, knowledge of using CAD and would like to further develop their skills for industry.

## Entry Requirements

None

## Career Prospects

Successful delegates will gain the opportunity to progress on to City & Guilds Level 2 CAD courses and will gain more experience using CAD hardware and software.

## Course Modules

This course covers:

- Using key components in parametric modelling software
- Using commands to create and constrain sketches
- Using commands to produce features

## Assessment

- Knowledge questions about CAD, and health and safety related to CAD
- Creating 3D models, assemblies and 2D drawings to the correct standard.



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**Inspiring Learning,  
Enriching Lives, Delivering Success**

## **STUDY MODE**

PT

## **LOCATION**

Neath College - 03308 188 100

## **COURSE LENGTH**

1 year

[business@nptcgroup.ac.uk](mailto:business@nptcgroup.ac.uk) | [www.nptcgroup.ac.uk/business](http://www.nptcgroup.ac.uk/business)  
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