



# 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

Coleg Afan  
Coleg Bannau Brycheiniog  
Academi Chwaraeon Llandarcy  
Canolfan Ragoriaeth Adeiladwaith Maesteg  
Coleg Castell-nedd  
Coleg Y Drenewydd  
Coleg Pontardawe  
Canolfan Adeiladwaith Abertawe

Afan College  
Brecon Beacons College  
Llandarcy Academy of Sport  
Maesteg Construction Centre of Excellence  
Neath College  
Newtown College  
Pontardawe College  
Swansea Construction Centre



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🌐 [www.nptcgroup.ac.uk](http://www.nptcgroup.ac.uk)





- Creating 3D models, assemblies and 2D drawings to the correct standard.

## STUDY MODE

PT

## LOCATION

Neath College - 0330 818 8100

## COURSE LENGTH

1 year

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