



## Level 1 Engineering (Full-Time)

Covering fundamental skills & knowledge common to all engineering practices at NVQ Level One.

There are both practical and theoretical classes providing an introduction to many aspects of engineering such as machining, maintenance, welding, gas cutting as well as units in health and safety, 3D printing, engineering drawing, electronics and communicating engineering information with an Additional group tutorial. You will gain hands on experience in an exciting technology driven industry that plays a large part in everyones lives.

You will have access to state-of-the-art facilities and work alongside our experienced staff who will guide you in honing your skills and pursuing your passions. By studying mechanical engineering at NPTC group, you will be part of a community of problem solvers and future innovators who are dedicated to making a positive impact on society.

This is suitable for students wanting to become and engineer. Learners may be able to visit Engineering industry as part of the course.

### Entry Requirements

Typically you will need 4 GCSEs D and above.

Learners who have not achieved grade C in GCSE Mathematics and English will be expected to attend sessions to support this in addition to their vocational programme.

### Career Prospects

Students can continue their studies and progress onto full time level 2 engineering programs or enter into employment and continue to study full time or day release basis if sponsored in a Modern Apprenticeship with a participating employer.

### Course Modules

EAL Level 1 Diploma in Engineering Technology modules include an introduction to Working safely in an engineering environment, machining engineering materials, joining engineering materials, electronics,

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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maintenance, maths and science, project development and planning, Computer aided design and additive manufacturing 3D printing

## Assessment

This course requires continual assessment of College based assignments which will be collated as portfolio evidence to meet the needs of the awarding body.

Online examinations will be scheduled at key stages throughout the course. Development of Literacy and Numeracy Skills.

## Additional Costs

Safety boots, welding mask, flame resistant overalls, safety glasses, note book.

## STUDY MODE

FT

## LOCATION

Neath College - 0330 818 8100

## COURSE LENGTH

1Y

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