



## Fabrication and Welding Level 3 (Full-Time)

This full-time, Level 3 Welding and Fabrication course is designed for individuals who have completed a Level 2 engineering course and are looking to progress their knowledge and skills in welding and fabrication.

The course will cover a range of topics including health and safety in welding, welding principles, CAD, MIG, TIG, MMA, and Platework.

Students will gain an understanding of the different welding and fabrication techniques and will have the opportunity to practice these skills in a safe and controlled environment. They will learn how to interpret engineering drawings and use CAD software to produce accurate designs.

The course will focus on the practical skills required for welding and fabrication and students will be given the opportunity to work on a range of projects. These projects will allow students to develop their skills in welding and fabrication, as well as problem-solving and teamwork.

Students will be offered extra curricula activities such as competing in World skills competitions and attending educational visits to Engineering companies around the surrounding areas. Upon completion of the course, students will be prepared for a range of employment opportunities in the welding and fabrication industry.

This includes apprenticeships, traineeships, and full-time welding and fabrication jobs.

### Entry Requirements

4 GCSEs at Grade C or above including Maths and English.

You will be required to undertake a qualification test, in-house screening and pre-entry interview. Or a successful completion of a Level 2 welding qualification.

### Career Prospects

Students can continue their studies or enter into employment and continue to study on a day release basis or enter into a sponsored Modern/Higher Apprenticeship with a participating employer.

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





## Course Modules

MIG, TIG, MMA, Platework, Welding Principles, CAD, H&S

## Assessment

This course requires continual assessment of practical observations, quality checks of engineered components and college based assignments which will be collated as portfolio evidence to meet the needs of the awarding body.

Short written assignments and online examinations are scheduled at key stages throughout the course.

## Additional Costs

Workshop PPE such as: Fire retardant overalls, safety boots, glasses etc. Students will need drawing equipment and general stationery.

## STUDY MODE

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## LOCATION

Neath College - 0330 818 8100

## COURSE LENGTH

1Y

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