

BTEC Level 3 Diploma in Engineering (Full-Time)

This is a multi-discipline engineering programme, equivalent to 3-A levels over 2 years, covering the necessary engineering skills and knowledge for students wishing to progress to University or onto an Apprenticeship.

Students will study 15 individual units, 3 of which are double units externally assessed. The remaining 12 units internally assessed.

Engineering principles,

The course is over 2 years with the 1st year leading to the Foundation Diploma in Engineering and the 2nd year to the Extended Diploma In Engineering.

Working Effectively and Safely in Engineering Environments, there are a number of specialist units such as Mechanical, Hydraulic and Welding units which support this programme.

This course will allow you to study at University level (HNC/HND) or enter employment at technician level.

Entry Requirements

5 GCSEs grades A*-C including English, Maths and Level 2 Engineering qualification. A good level of attendance and commitment is also required. Students that do not meet the entry requirements can be interviewed on a case-by-case basis considering individual profile and the work life experience etc.

Career Prospects

Students can continue their studies onto University or Network 75. Enter into apprenticeship and continue to study on a day release basis.

Course Modules

Engineering Principles (double unit) Delivery of Engineering Processes Safely as a Team Engineering Product Design and Manufacture (double unit)

> 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 Maestea Construction Centre of Excellence Neath College Newtown College Pontardawe College Swansea Construction Centre













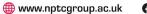
















Applied Commercial and Quality Principles in Engineering Calculus to Solve Engineering Problems **Electronic Devices and Circuits** A Specialist Engineering Project Microcontroller Systems For Engineers **Further Engineering Mathematics** Welding Technology Electronic Measurement & Testing Of Circuits Mechanical Behaviour Of Metallic Materials Mechanical Measurement & Inspection Technique Manufacturing Primary Forming Processes

Assessment

Assignment based work for the 12 internal units, Externally set examinations for the 3 double units.

STUDY MODE

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LOCATION

Neath College - 0330 818 8100

Newtown College - 0330 818 8100

COURSE LENGTH

1Y

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

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