

Advanced Digital Technology (Full-Time)

The Level 3 Extended National Diploma in IT is a Full-time Further Education course designed to provide highly specialist, work-related qualifications in the computing and information technology sector. This is located in the Computing and Information Technology (CIT) department.

Its aim is to give you the knowledge, understanding and skills that they need to prepare for employment. The BTEC L3 Diploma qualifications provide career development opportunities and a clear progression route to higher education, degree and professional development programmes within the same or related areas of study.

The first year of the course covers Computing IT. In the second year, the student has the option of specialising in either, Computing & IT, Games & Graphic Design or Web & App Development.

Entry Requirements

Welsh Baccalaureate National and 5 GCSEs A-C that include Maths & English and for those coming through with an a Level 2 in Computing and/or IT qualification we ask for a minimum of a Merit.

Career Prospects

Higher Education or secure employment in a range of business and ICT organisations. Many Students go onto many computer related courses.

Please note that if you are considering teaching as a career then universities require GCSEs at Grade B or above for Maths, English and Science and for Computer Science courses some universities ask for a minimum of Grade B at Maths GCSE.

Potential Career Opportunities: IT Director, Programmer and Developer, Database Developer, IT Manager, Project Manager, Technical Support, IT Consultant, Internet and Web Developer, Game Designer, Games Developer, Helpdesk, Software Engineer, Strategy and Planning, Systems Design and Development, Computer Architect, Tester, Analyst, Network Management, IT Operations, Sales and Marketing.

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

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



























Canolfan Adeiladwaith Abertawe



Course Modules

Typical Course Structure:

Year 1:

Information Technology Systems Creating Systems to Manage Information Using Social Media in Business **Programming Data Modelling** Website Development

Year 2:

IT Project Management Cyber Security and Incident Management Mobile Apps Development 2D and 3D Digital Graphics IT Service Delivery Computer Games Development The Internet of Things.

Additional Qualifications: Advanced Welsh Baccalaureate.

Assessment

Information Technology Systems; Creating Systems to Manage Information; Cyber Security and Incident Management; and IT Service delivery are externally assessed. All other units are assessed by assignments.

Additional Costs

There may be additional course-related costs for text books and educational visits

STUDY MODE

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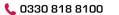
























LOCATION

Brecon Beacons College - 0330 818 8100

Newtown College - 0330 818 8100

Neath 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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