Advanced Digital Technology (Full-Time)

The Level 3 Extended Diploma in Information Computing Technology is a Full-time Further Education course designed for students who are interested in computers and the IT industry. This is located in the Computing and Information Technology (CIT) department.

This course is designed to provide highly specialist, work-related qualifications in the Computing and Information Technology sector including coding, data modelling and Mobile apps development . Its aim is to give learners the knowledge, under-standing and skills they need to prepare for employment. This qualification provides career development opportunities and a clear progression route to higher education and profession-al development programmes within the same or related areas of study. At the end of year one, students will have achieved the Foundation Diploma in ICT.

Entry Requirements

5 GCSEs at Grade C or above (or equivalent) to include Mathematics and English or a Level 2 Diploma in ICT at Merit/Distinction plus interview.

Career Prospects

This Level 3 Extended Diploma in ICT carries UCAS tariff points and therefore fully meets the entry requirements for progression to a Higher Education (degree) course, for example - BSc Applied Computing, BA Information Technology, BSc Digital Technology Solutions, HND Management for Business, HND Computer Networks Security, BSc Software Engineering.

Career Opportunities: Application Analysis / Development, Data Analysis, Database Administration, Games Development, Information Systems Management, IT Consultancy, Software Engineering, Systems Analysis / Design, Web Design and Development, Network Management, IT Operations, Technical Support.

Course Modules

Year 1: Semester One:
• Information Technology Systems: Part 1

Coleg Afan	Afan College
Coleg Bannau Brycheiniog	Brecon Beacons College
Academi Chwaraeon Llandarcy	Llandarcy Academy of Sport
Canolfan Ragoriaeth Adeiladwaith Maesteg	Maesteg Construction Centre of Excellence
Coleg Castell-nedd	Neath College
Coleg Y Drenewydd	Newtown College
Coleg Pontardawe	Pontardawe College
Canolfan Adeiladwaith Abertawe	Swansea Construction Centre

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- Creating Systems to Manage Information
- Using Social Media in Business
- Programming: Part 1.

Semester Two:
- Information Technology Systems: Part 2
- Data Modelling
- Website Development
- Programming: Part 2.

Year 2: Semester One:
- IT Project Management : Part 1
- Cyber Security and Incident Management
- Mobile Apps Development
- Digital Graphics.

Semester Two:
- IT Project Management : Part 2
- IT Service Delivery
- Computer Games Development
- The Internet of Things.

Additional Qualifications: Advanced Welsh Baccalaureate.

Assessment

Assessment is through externally marked exams and unit based assignments

Additional Costs

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

STUDY MODE
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LOCATION

Neath College - 0330 818 8100

COURSE LENGTH

1Y

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