

IT LEVEL 3 EXTENDED DIPLOMA

WHERE CAN IT TAKE YOU?

Software Development

Students can either continue to Higher Education to study in a specialised field such as web applications, mobile development or take an apprenticeship to further their skills in the industry.

Career Paths - Web developer, App developer, Software developer, UI/UX developer.

IT Support

Students generally look towards more hands on experience for these career paths and would most likely look towards apprenticeships in the respective areas.

Career Paths - IT Technician, IT Trainer, IT Management.

Consultancy

Students will often consider further studies at University to increase their specialised knowledge of an industry or field. After which students look for graduate entry roles to begin their careers in industry.

Career Paths - IT/Business Analyst, IT Consultant.

Games Development

Students that follow this path generally start creating their own portfolios of work whilst studying

Career Paths - Games developer, Games designer, Asset Creation, Story writer.

Communications

Students could either further their studies at university to specialise in particular fields of technical communications or pursue an apprenticeship within a specialised industry.

Career Paths - Network Engineer, Mobile Communications, Research & Development.

Project Management

Students will look towards gaining experience with working in industry, being part of a team that delivers large, multimillion pound projects.

Career Paths - Project Management, Project Co-Ordinator.

FURTHER CAREER INFORMATION

These are just a small selection of the careers you could go on to pursue should you study our IT Diploma.

Many of these careers require a university degree and therefore we would recommend looking into the specific requirements for each university course by heading to their respective websites.

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WHAT TO EXPECT

What does the course involve?

This specialist programme in IT will be delivered three days per week at One with work placements and projects undertaken with local businesses. You will study a range of different units over the two year course.

Some of the things you might do on the course include:

- Develop an understanding of computer systems, their internal components and how they affect performance
- Assess human computer interaction and the impact on society, the economy and culture
- Develop data modelling techniques and create your own models for the capture and management of data, ready for business use.
- Design and create 2D and 3D graphics, making use of industry level software within a professional workflow context.
- Learn how to program using an Object Oriented approach and how it can be applied to software and games development
- Learn about the potential threats to IT systems and security and learn how to keep systems and data secure
- Design and prototype micro controlled Internet of Things systems to solve real life problems.

There are enhanced opportunities for this programme of study to prepare you for appropriate employment within the vocational sector, as well as offering opportunities for those of you who have decided that you clearly wish to enter a specialist area of work.

How will I be assessed?

The BTEC Level 3 Extended Diploma in Information Technology combines units and practical experiences.

Students will be taught in a group by completing projects and assignments. All topics are formally assessed and graded as Pass, Merit or Distinction, with an overall grade for the qualification awarded.

The assessment will take the form of 13 units which are assessed through a combination of externally marked exams.

What are the costs?

There are no charges to study on any of our courses. However, you will be expected to fund travel to and from any educational visits.

What is the duration?

This is a two year course.

Entry Requirements

5 grades at GCSE 9-4 with grade 4 in English and grade 5 in Mathematics is preferred based on the high mathematical content of this subject. Grade 4 will be considered based on UMS points achieved in Mathematics and grade profile across other relevant subjects.

Students wishing to progress from level 2 IT to level 3 must meet at least one of the following three conditions:

1. Students meeting entry requirements for Level 3, except Maths, can progress if they achieve grade 5 in resit.
2. Students with grade 4 in Maths who achieve distinction, can progress onto level 3
3. Students with grade 4 in Maths who achieve merit also need staff endorsement to progress.