

DIGITAL TECHNOLOGY

Level 3 Diploma
Level 3 Extended Diploma



DIGITAL TECHNOLOGY DIPLOMA

KS5 Engineering at South Devon UTC

Subject Content and Assessment

Learners gain relevant skills and knowledge from studying a range of content focused on digital technology. The key stage 5 curriculum offers the opportunity to mix and balance both the technical and the creative pathways of computing. There is capacity to blend units within this course in order to offer students a unique ability to study both sectors. This flexibility in curriculum choice enables successful progression onto top quality university courses, advanced or higher apprenticeships, or directly into employment.

The pathway curriculum is based on carefully selected options from the Level 3 BTEC Information Technology qualification, offering Diploma (a double award) and Extended Diploma (a treble award) with modules aligned to the future demand for what is a skills shortage in the U.K.

Diploma

Students will be assessed over the course of the two years through 8 internally assessed units and 2 externally assessed. Of those internally assessed, 6 units are mandatory and 2 have been chosen to be delivered in order to provide a well-rounded curriculum for students

What skills will you learn?

Students studying the Level 3 qualification at South Devon UTC will leave the college having completed the following units in the Diploma:

Year 1:

- Unit 01 - Information Technology Systems
- Unit 02 - Creating Systems to Manage Information
- Unit 03 - Using Social Media in Business
- Unit 04 - Programming

Year 2:

- Unit 09 - IT Project Management
- Unit 11 - Cyber Security and Incident Management
- Unit 7 – Mobile App Development
- Unit 17 – Digital 2d and 3d Graphics

Entry Requirements

Five Level 4 GCSEs are required for entry into 6th Form.

Level 5 pass is required in Mathematics and at least one Science, though Level 4 will be considered for entry to the BTEC through decisions on an individual basis.

Curriculum Outline

Diploma:

720 GLH/equivalent to 2 A

Levels

20 hrs fortnight

Student Guide

Assignment briefs resources and past exam papers available via UTC's Virtual Learning Environment

Resources needed

BTEC National Information Technology (2016 Spec) - Student Book

DIGITAL TECHNOLOGY Extended DIPLOMA

KS5 Engineering at South Devon UTC

Subject Content and Assessment

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The pathway curriculum is based on carefully selected options from the Level 3 BTEC Information Technology qualification, offering Diploma (a double award) and Extended Diploma (a treble award) with modules aligned to the future demand for what is a skills shortage in the U.K.

Extended Diploma

Students will be assessed over the course of the two years through 13 internally assessed units and 2 externally assessed. Of those internally assessed, 7 units are mandatory and 6 have been chosen to be delivered in order to provide a well-rounded curriculum for students

Employer-based projects are embedded into curriculum qualifications to develop business and employability skills.

Overall, this balanced curriculum offer provides a well-rounded education designed to build students' skills, knowledge, confidence and judgement to equip them for successful progression whatever their interests.

What skills will you learn?

Students studying the Level 3 qualification at South Devon UTC will leave the college having completed the following units in the Extended Diploma:

Year 1:

- Unit 01 - Information Technology Systems
- Unit 02 - Creating Systems to Manage Information
- Unit 03 - Using Social Media in Business
- Unit 04 - Programming
- Unit 06 - Website Development
- Unit 17 – Digital 2d and 3d Graphics

Year 2:

- Unit 09 - IT Project Management
- Unit 11 - Cyber Security and Incident Management
- Unit 7 – Mobile App Development
- Unit 8 – Computer Games Development
- Unit 14 - IT Service Delivery
- Unit 18 – Digital Animation and Effects
- Unit 19 - The Internet of Things

Entry Requirements

Five Level 4 GCSEs are required for entry into 6th Form.

Level 5 pass is required in Mathematics and at least one Science, though Level 4 will be considered for entry to the BTEC through decisions on an individual basis.

Curriculum Outline

Extended Diploma:

1080 GLH/equivalent to 3 A Levels

30 hrs fortnight

Student Guide

Assignment briefs
resources and past exam papers available via UTC's Virtual Learning Environment

Resources needed

BTEC National Information Technology (2016 Spec) - Student Book