



## Software Developer Technician Apprenticeship Level 3

2022/23

Inspiring Lives, Discovering Futures

### The Course

#### In brief...

Apprenticeships are a popular choice for people looking for on-the-job training and the opportunity to gain recognised experience whilst earning a wage. Your training will take place at College in conjunction with your employer and they will be heavily involved in your progress and development.

A Software Developer Technician Apprenticeship will give you valuable experience within the Software development industry. Whether it is working as a Junior Developer, Junior Web Developer, Junior Mobile App Developer, Junior Application Support Analyst or Junior Programmer, this apprenticeship will pair you with one of the many highly successful local businesses specialising in software development and design.

You will come to college one day a week where you will explore and research the latest developments in IT software and programming, working processes and practices. For the remainder of the week, you will be working alongside the experts in the industry as part of the workforce of one of the locally-based business.

#### Who is it for?

You will need to show a strong commitment to pursuing a career within the Software design and development industry and keen interest in developing your IT Skills and knowledge. You must be over 17 years of age when the course commences in September with a current level 3 or A level as well as GCSE English and maths at grade C or above.

#### What the Course Leads to

#### What courses can I do after this?

On successful completion of this Apprenticeship you could work as part of a software development team, to build and develop software components whether web, mobile or desktop applications, or possibly continue your studies into Higher Education.

#### What do I need to apply

#### To do this course you should have...

You will need to show a strong commitment to pursuing a software developer career. You must be over 17 years of age when the course commences in September with a current level 3 or A level as well as GCSE English and maths at grade C or above.

#### Course costs

Course Code	Start Date	Costs 16-18	Costs 19-23 (with concessions)	Costs 19+ (no concessions)
DAXOHE0005	Various	TBC	TBC	TBC

\* Please note fees are subject to change.

#### Course Content

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The Apprenticeship includes the following modules

### Key Information

#### Duration

18 Months

#### Attendance

Apprenticeship

#### Level

Level 3

#### Qualification Name

Apprenticeship Standard

#### Awarding Body

British Computer Society

#### Curriculum Area

Business, Digital, Leadership & ESOL - Digital & Computing

## The apprenticeship modules and learning modules

- Knowledge Module 1: Software Development Context and Methodologies
- Knowledge Module 2: Programming

Covering various topics including;

Logic: writes simple code for discrete software components following an appropriate logical approach to agreed standards (whether for web, mobile or desktop applications).

Security: applies appropriate secure development principles to specific software components at all stages of development.

Development support: applies industry-standard approaches for configuration management and version control to manage code during build and release.

Data: makes simple connections between code and defined data sources as specified Test: functionally tests that the deliverables for that component have been met or not.

### Next Steps ...

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