

## Software Development Technician Apprenticeship

This apprenticeship Standard is a great route to build the skills and knowledge required to begin a career in software development. A Software Development Technician typically works as part of a software development team, building simple software components such as web, mobile or desktop applications. Learners will obtain an appreciation of the concepts, approaches and techniques of software programming, and the ability to apply these to simple components used by teams within their organisation and their customer base.

### Benefits for learners

Gaining industry recognised professional qualifications  
Developing skills that will increase your career potential  
Industry Support from industry experienced staff working with the British Computing Society  
Working with the British Computing Society & Becoming a BCS member

### Ideal for:

Junior Web Developer  
Junior Application Developer  
Junior Mobile App Developer  
Junior Software Developer

Delivery model and duration: Workplace and college block delivery

Duration: 24 Months

### Qualification:

BCS Software Development Context and Methodologies Module  
BCS Programming Module

This apprenticeship is recognised for entry onto the Register of IT Technicians upon confirming an appropriate SFIA level 3 Professional competence and those completing the apprenticeship would then be eligible to apply for registration.

### Components

Functional Skills English and maths Level 2

The apprenticeship will cover the following core areas:

Logic and writing code

Apply now at [www.gloscol.ac.uk](http://www.gloscol.ac.uk) or call 0345 155 2020

Security principles  
Development support  
Communication  
Data: linking to database types and embed data queries within their code  
Testing and analysing code to identify errors, designing manual tests and understand expected results  
Analysing data to ensure they know and can meet the customers' requirements  
Development lifecycle  
Quality: can identify and follow standards and good practice

#### End Point Assessment

The final end point assessment is completed in the last few months of the apprenticeship. It is based on:

Portfolio of evidence: produced towards the end of the apprenticeship, containing evidence from real work projects which have been completed during the apprenticeship, usually towards the end, and which, taken together, cover the totality of the standard, and which is assessed as part of the end point assessment  
Synoptic project: giving the apprentice the opportunity to undertake a business related project over a one week period away from the day to day workplace  
Employer reference  
Interview: exploring what has been produced in the portfolio and the project as well as looking at how it has been produced

An independent assessor (from the BCS) will assess each element of the end point assessment and will then decide whether to award successful apprentices with a pass, a merit or a distinction

## Entry Requirements

5 GCSEs A-C (9-4) including maths, English and a technology subject

## What's Next

Completers may want to progress to

Software Developer L4 / Software Tester L4

## Your Options

	Start Date	End Date	Course Level
<b>Software Development Technician Apprenticeship (Part Time)</b>			
Gloucester	TBC	TBC	3