



SOFTWARE AND WEB DEVELOPMENT DIGITAL TECHNOLOGIES

Incorporating IT and Telecommunications Modern and Technical Apprenticeships at SCQF Levels 6 and 8

Our Software and Web Development Apprenticeships develop real world skills to design, test and maintain Software and Web systems. Apprentices can specialise in C# or Open Source so they gain the skills and technical grounding relevant to their job role.

WHAT'S LEARNED?

Investigating and defining customer requirements
Software design fundamentals
Object-oriented computer programming
Event-driven computer programming
Testing IT and Telecoms systems

Diagnosing faults in IT and Telecoms systems
Data modelling
Web development and software
Database software
Soft skills including communications skills and customer care

OPTIONAL TRAINING

C# Track – Microsoft Software Development Fundamentals (Exam)
Open Source Track – Open Source Web Development SQL, Advanced PHP, WordPress and Magento

(Additional costs may apply)



You'll also have access to our training library where you can enjoy additional IT and Tech modules relevant to your role or interests.

PROGRAMME STRUCTURE

Modern Apprenticeship

- 10-12 months including up to 3 weeks classroom training
- Assessor contact every 5 weeks to support work based learning and assignments

Technical Apprenticeship

- 12 - 14 months including up to 2 weeks classroom training
- Assessor contact every 5 weeks to support work based learning and assignments



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Software and Web Development Digital Technologies

SCQF Levels 6 and 8 Modern and Technical Apprenticeships

CHOOSE YOUR OWN CLASSROOM AND WORKPLACE UNITS AND COURSES FROM:

MANDATORY UNITS

Personal Effectiveness

Health & Safety in IT and Telecoms

Interpersonal and Written Communication

Customer Care for IT and Telecoms Professionals

TYPICAL PATHWAYS

Software Developer

Web Developer

Programmers

LEVEL 6 (SUGGESTED)

Investigating and Defining Customer Requirements 2

Software Design Fundamentals

Object Oriented Computer Programming 2

Database Software 3

Event Driven Computer Programming 2

Testing IT and Telecoms Systems 2

Data Modelling 2

Web Development 2

Website Software 3

Classroom Training: 5 day Python or C# course

Classroom Training: 5 day Database and SQL course

Classroom Training: 5 day Web Development course with HTML, ASP, Javascript

LEVEL 8 (SUGGESTED)

Investigating and Defining Customer Requirements for IT and Telecoms Systems 3

Technical Advice and Guidance 3

IT and Telecoms Fault Diagnosis 3

Technical Advice and Guidance 3

Event Driven Computer Programming 3

Managing Software Development 2

Testing IT and Telecoms Systems 3

Web Development 3

Classroom Training: 5 day Python or C# intermediate course

Classroom Training: 5 day Web Development course

LEADING TO:

Modern Apprenticeship including SQA Diploma for IT and Telecommunication Professionals at SCQF Level 6, plus Core Skills and Vendor qualifications

Technical Apprenticeship including SQA Diploma for IT and Telecommunication Professionals at SCQF Level 8, plus Career Skills and Vendor qualifications

WHAT'S NEXT?

Project Management

Information (Cyber) Security

FOR MORE INFORMATION CONTACT US AT

0345 074 7825
employanapprentice@qa.com

Plus many more options that can be discussed with your Account Manager / Assessor