City & Guilds

600/7064/X   Level 2 Certificate for Software Developers

OVERVIEW

What does this qualification cover?

The Level 2 Certificate in Software Development has been created to support the growing activity in learning coding and acts as an introduction to software development that can lead to further learning for those wishing to become professional developers in the software, applications and games industries.

Learners are required to complete a mandatory unit;
- Principles of designing and creating software

and select a programming and other units that will help them develop their software skills, in subjects that include;
- Creating an object orientated computer program
- Creating an event driven computer program
- Creating a procedural computer program
- Business concepts
- Data representation and manipulation for IT
- Software testing
- Web fundamentals
- Customer support provision
- Website software
- Database software
- Software design fundamentals

This is a Framework qualification.

Who could take this qualification?

The Level 2 Certificate for Software Developers is aimed at those who want to work in a software development environment and provides some key skills and practice that allow the learner to gain experience to progress to further learning or employment as part of an Apprenticeship, as well as those in employment looking for a change of career or certificating their ability.

No previous experience or qualifications in ICT are expected and the qualification is suitable for a wide age range.

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What could this qualification lead to?

Will the qualification lead to employment?

This qualification provides basic skills and knowledge for a learner go on to further learning, it may enable them to undertake role within a supervised development environment at a junior/trainee level.

Will the qualification support progression to further learning?

The Level 2 Certificate for Software Developers is aimed provides some key underpinning knowledge and skills that would allow a learner to extend their competency in further at the same level using:
- 501/1430/X   Level 2 Diploma in ICT Systems Support
- 501/1859/6   Level 2 Diploma in ICT Systems and Principles for IT Professionals
- 501/1789/0   Level 2 Diploma in ICT Professional Competence

Or gain or improve their skills by undertaking a higher level qualification, such as;
- 501/0277/1   Level 3 Diploma for ICT Systems and Principles for IT Professionals
- 501/1585/6   Level 3 Diploma for ICT Systems Support
- 501/1788/9   Level 3 Diploma in ICT Professional Competence
- 601/1487/3   Level 3 Diploma in Information Security
- 600/6124/8   Level 4 Diploma for ICT Systems and Principles for IT Professionals
- 501/1787/7   Level 4 Diploma in ICT Professional Competence
- 601/1789/8   Level 4 Diploma in Information Security

It can also lead to a learner taking a position as an Apprentice taking the Intermediate Apprenticeship in IT, Software, Web and Telecoms or either of the Advanced Apprenticeships in IT, Software, Web and Telecoms or Information Security.

Using this size of qualification

This qualification has been created to provide a basic introduction to software development and allow the learner to select a set of units that support further learning in an area of interest.

Who supports this qualification?

Employers

Cisco
Ian Foddering
020 8824 1000

ForgeRock Kevin Streater
kevin.streater@forgerock.com

Optimity Anthony Impneyt
aimpey@optimity.co.uk

Microsoft
Sarah Foxall
0844 800 2400

IBM
Paul D Jagger
023 9256 1000

Esuasive Colin Weaver
CWeaver@dbgroup.co.uk

Trade Body

CompTIA
Graham Hunter
0207 330 6060