Purpose Statement

SEG Awards Level 3 Diploma in Smart Computing - 610/3280/3

Overview

The SEG Level 3 Diploma in Smart Computing covers theoretical and practical aspects needed for beginners or even mature learners to acquire an in-depth knowledge of the fundamentals of IT, which would function as a foundation on which they can build their future careers.

The key areas covered include:
- IT Concepts
- MS Office
- Computer Hardware
- Network Technology
- Internet
- Email & Web Design
- Graphics and Multimedia
- Software Engineering
- Programming with Python
- Databases with SQL
- Programming with C#

The knowledge and skills gained will prepare learners to progress onto higher programmes of study, and related qualifications, in Computing and Information Technology.

Who is this qualification for?

The SEG Awards Level 3 Diploma in Smart Computing is designed for learners, 16 years of age and over, who are looking to acquire an in-depth knowledge of the fundamentals of IT, which would function as a foundation on which they can build their future careers.

What does the qualification cover?

Upon successful completion of the SEG Awards Level 3 Diploma Smart Computing, learners will be able to:
- Explain the concepts, techniques and equipment used in computer systems
- Undertake simple programming with Python and C# and SQL
- Carry out basic web design
- Explain software engineering

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- Make use of software applications to organise work in in a productive manner
- Communicate effectively in written and oral form.

What could this qualification lead to?

Learners who achieve this qualification could progress onto the SEG Awards Level 4 Diploma in Smart Computing.

Centres should be aware that Reasonable Adjustments, which may be permitted for assessment, may in some instances limit a learner's progression into the sector. Centres must, therefore, inform learners of any limits their learning difficulty may impose on future progression.

FURTHER INFORMATION

Further information on the qualification can be found on the Skills and Education Group Awards website.