



SQA Approved Centre
Scottish Qualifications Authority

**DATA
SECURITY**

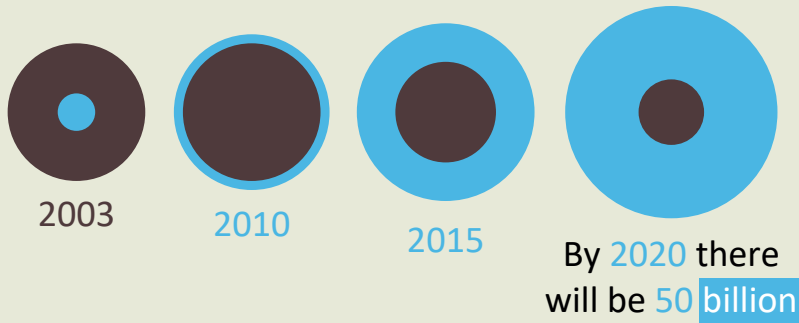
**DIGITAL
FORENSICS**

**ETHICAL
HACKING**

**CERTIFICATION IN
CYBER
SECURITY**

SCQF National
Progression
Award
Level 4, 5 & 6

During 2008, the number of **things** connected to the Internet exceeded the number of **people** on earth.



Cybersecurity

As a society we conduct much of our lives over the Internet. It was revealed at the Digital Skills committee meeting in the House of Lords that in 2017 there will be a global shortage of two million cyber security workers. This increase of the need for Cyber Security Professionals is due to our reliance on devices connected to the Internet. Stephanie Doman CEO of the Cyber Security Challenge said 'if you look at our lifestyle these days everything we do is based on something connected to the internet'.



Why enrol for this Certification?

Employment trends indicate that the current shortage of specialists in this domain will become more acute in the future, resulting in a significant shortage of Cyber Security specialists in the coming decades. A key objective of this certification is to stimulate interest in Cyber Security and to improve the 'skills pipeline'. Certification in Cyber Security will attract learners for a number of reasons. This focus stems from the recognition that cyber security is essential for the success of the virtual economy, education and community and acknowledges the idea that developing the capability to understand the fundamental tools and techniques of Data Security, Digital forensics and Ethical Hacking is important in ensuring that learners are aware of their responsibilities within these virtual communities.

Who does this certification suit?

The National Progression Awards in Cyber Security at SCQF levels 4, 5 and 6 represent an additional, essential, vocational qualification at each level providing a clear progressive context and structure for the development of key contemporary knowledge and skills. A key rationale for the awards is to provide a skills pipeline into the industry. It is anticipated that there will be significant interest in these awards within schools, and this will increase the awareness of the knowledge, skills and job opportunities required by the cyber security industry. By doing this, it is hoped that some learners will progress from these awards onto further studies in this area and, ultimately, into a career in cyber security.



The range of learners the qualification is suitable for

The qualification is suitable for a wide range of learners:

- for learners wishing to develop and enhance Cyber skills to support their learning across a wide range of curricular areas.
- for S4 to S6 school pupils who will undertake the qualification as a broadening of the Computing Science curriculum.
- for students at colleges who will be using the NPAs within full or part-time college programmes such as part of a NC Computing qualification.
- for adults returning to education with an interest in developing fundamental skills relevant to accessing a career in cyber security.

Relevance for employment opportunities

- There is a current skills shortage in this area. This skills shortage will get significantly worse in the coming years, when demand for expertise in this field will far outstrip supply resulting in a global skills shortage of two million people by 2017.
- It is not anticipated that these awards will lead directly to employment. They are primarily designed as 'feeder' qualifications to more advanced awards. By capturing the interests and imaginations of young people at a formative stage in their lives (aged 15–18), it is hoped that some will progress to further studies in this field.
- However, the awards will deliver foundation knowledge and skills in cyber security that would give learners a head start if/when they progress to more advanced qualifications



Qualification Content

National Progression Award (NPA) in Cyber Security at SCQF level 4

(12 SCQF credit points)

Group Award Code: GK7W 44

Units: Data Security, Digital Forensics, Ethical Hacking

Duration: 120 Hours

National Progression Award (NPA) in Cyber Security at SCQF level 5

(12 SCQF credit points)

Group Award Code: GK7X 45

Units: Data Security, Digital Forensics, Ethical Hacking

Duration: 120 Hours

National Progression Award (NPA) in Cyber Security at SCQF level 6

(12 SCQF credit points)

Group Award Code: GK7Y 46

Units: Data Security, Digital Forensics, Ethical Hacking

Duration: 120 Hours

Career Paths

- Security Analyst
- Security Administrator
- Forensic Expert
- Vulnerability Assesor
- Security Engineer
- Information Security Consultant
- Chief Information Security Officer
- Cyber Security Architect

Fees

Cyber Security at SCQF level 4

Registration fee: 650 AED (SQA fees)

Tuition fees: 3000 AED

Exam fees: 500 AED

Cyber Security at SCQF level 5

Registration fee: 650 AED (SQA fees)

Tuition fees: 3500 AED

Exam fees: 500 AED

Cyber Security at SCQF level 6

Registration fee: 650 AED (SQA fees)

Tuition fees: 4000 AED

Exam fees: 500 AED

Potential progression paths

- PDA Cyber Security SCQF Level 7
SCQF Level 8
- HND Computing: Software Development
- Technical Apprenticeship in Data Analytics
- Graduate Apprenticeship in Data Analytics
- BSc Computer Science
- BSc Software Engineering
- Degree in a range of other disciplines

Why choose SQA Qualifications?

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|  Option to study your final year in Stirling, UK campus |  Excellent career support and consulting sessions with industry experts |
|  Wide range of scholarships and grants |  Strong academia and industry connect |
|  High teaching standards |  Networking opportunities through our strong industry links |
|  Internship opportunity during graduation |  Easy student visa process |
|  Placement assistance |  Affordable student accommodation |
|  Excellent placement records |  Affordable transport service available |
|  Work readiness program for final placement | |

Other Approved SQA Qualifications:

- SQA Advanced Diploma in Business with Accounting
- SQA Advanced Diploma in Architectural Technology
- SQA Advanced Diploma in Mechanical Engineering
- SQA Advanced Diploma in Computing: Software Development
- SQA Advanced Diploma in Electronics
- SQA Advanced Diploma in Engineering Systems
- SQA Advanced Diploma in Art and Design

SQA Progression Partners:



For more details please contact:

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