



Unit title	Carrying Out Information Security Forensic Examinations 1
SQA code	H7D2 04
SCQF level	6
SCQF credit points	6
SSC ref	SECFE1

History of changes

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Title	Carrying Out Information Security Forensic Examinations 1	
Learning Outcomes		Assessment Criteria
The learner will:		The learner can:
1	Be able to carry out Information Security forensic examinations.	<p>1.1 Follow organisational procedures for forensic examinations.</p> <p>1.2 Undertake specified actions to secure information assets and system components subject to actual or attempted breaches of security.</p> <p>1.3 Apply forensic methods to examine specified system information for evidence of actual or attempted breaches of security policy or legislation.</p> <p>1.4 Report any identified sources of actual or attempted breaches of security to the relevant persons.</p> <p>1.5 Use specified tools to analyse the integrity of software.</p> <p>1.6 Report on forensic examination activities using standard documentation.</p>

Additional information about the Unit
Unit purpose and aim(s)
The conduct of digital forensic examination, following processes to ensure that security incidents are investigated appropriately, in order to investigate who the perpetrators might be and collect evidence.
Details of the relationship between the Unit and relevant national occupational standards (if appropriate)
This Unit is based on the e-skills UK NOS for Information Security.
Details of the relationship between the Unit and other standards or curricula (if appropriate)
N/A
Assessment requirements specified by a sector or regulatory body (if appropriate)
This Unit must be assessed using evidence derived from real work activities.

Assessment (evidence) Requirements

The Unit may be assessed using any appropriate methods, or combination of methods, which clearly demonstrate the learning outcomes.

Guidance on Instruments of Assessment

Learners must complete real work activities in order to produce evidence to demonstrate they are occupationally competent. An e-portfolio approach is encouraged.

Simulation is allowed for aspects of the Unit specified when:

- a learner is required to complete a work activity that does not occur on a regular basis and therefore opportunities to complete a particular work activity do not easily arise
- a learner is required to respond to a situation that rarely occurs, such as responding to an emergency situation
- the safety of a learner, other individuals and/or resources will be put at risk.

Simulation must replicate the workplace to such an extent that learners will be able to fully transfer their occupational competence to the workplace and real situations.