



Australian Government

DEFFOR004 Capture forensic photographic images

Release: 1

DEFFOR004 Capture forensic photographic images

Modification History

Release	Comments
1	This unit was released in DEF Defence Training Package release 1.0 and meets the Standards for Training Packages.

Application

This unit describes the skills required to capture photographic images for forensic purposes during an electronic forensic investigation. It includes the selection of appropriate equipment and software and the capture of specific images required by the investigator. In the context of this unit, photographic equipment includes digital cameras, film cameras, accessories such as lenses (normal, wide-angle, telephoto and zoom), flashes and filters, tripod, equipment bag, memory cards and batteries.

This unit applies to those working in the gathering and analysis of electronic information.

The skills and knowledge described in this unit must be applied within the legislative, regulatory and policy environment in which they are carried out. Organisational policies and procedures must be consulted and adhered to, particularly those relating to WHS and the capture of photographic images.

Those undertaking this unit would work independently or as part of a team, under indirect supervision, while performing routine tasks in a broad range of contexts. They must be able to use discretion and judgement and take responsibility for the quality of their outputs.

No licensing, legislative or certification requirements apply to unit at the time of publication.

Competency Field

Electronic Forensics

Elements and Performance Criteria

ELEMENTS	PERFORMANCE CRITERIA
Elements describe the essential outcomes	Performance criteria describe the performance needed to demonstrate achievement of the element. Where bold italicised text is used, further information is detailed in the range of conditions section.
1. Prepare to take a forensic photograph	1.1 Identify, analyse and confirm forensic photographic requirement from work requests/instructions. 1.2 Check photographic equipment for serviceability, rectify and

	report any faults to appropriate personnel. 1.3 Identify recording methods required to document the forensic evidence. 1.4 Identify and factor into planning any operational, security, safety and other considerations affecting taking forensic photographs.
2. Take forensic photographs	2.1 Assess and determine the most appropriate way to capture the photographs. 2.2 Prepare and select correct technical photographic settings. 2.3 Set up, compose and take the photographic sequence. 2.4 Produce forensic photographs of a high quality that directly illustrate the investigation and are suitable for reproduction.
3. Process forensic photographs	3.1 Remove the film from the camera or download digital images to a computer. 3.2 Arrange for photographs to be developed, scanned or printed. 3.3 Forward forensic images to the electronic forensic investigator.
4. Store forensic images	4.1 Package and store images to maintain continuity and prevent degradation or contamination. 4.2 Enter details of images in case notes and, where appropriate, in the exhibit register to maintain the chain of custody.

Foundation Skills

The foundation skills demands of this unit have been mapped for alignment with the Australian Core Skills Framework (ACSF). The following tables outline the performance levels indicated for successful attainment of the unit.

ACSF levels indicative of performance:

1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5
Learning N/A					Reading N/A					Writing					Oral communication					Numeracy N/A				

Performance variables

1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5
Support					Context					Text complexity					Task complexity				

Further information on ACSF and the foundation skills underpinning this unit can be found in the Foundation Skills Guide on the GSA website.

Unit Mapping Information

No equivalent unit.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=6bdbab1e-11ed-4bc9-9cba-9e1a55d4e4a9>

Companion Volume implementation guides are found in VETNet -

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Assessment Requirements for DEFFOR004 Capture forensic photographic images

Modification History

Release	Comments
1	These Assessment Requirements were released in DEF Defence Training Package release 1.0 and meet the Standards for Training Packages.

Performance Evidence

Evidence required to demonstrate competence must satisfy all of the requirements of the elements and performance criteria. If not otherwise specified the candidate must demonstrate evidence of performance of the following on at least one occasion.

- solving problems and making analytical decisions in response to a range of forensic photographic contexts, including the systematic capture of forensic images
- using relevant in-service cameras
- taking photographs in a range of environments
- using relevant computer technology
- collecting, packaging and preserving images, taking into consideration:
 - physical nature of images
 - electronic stability
 - packaging medium
 - tamper-evident seals
 - exhibit labels
- operating safely
- processing forensic photographs
- using recording methods including at least one of:
 - handwritten notes
 - computer generated data
 - audio recording
 - global positioning system (GPS)
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Knowledge Evidence

Evidence required to demonstrate competence must satisfy all of the requirements of the elements and performance criteria. If not otherwise specified the depth of knowledge demonstrated must be appropriate to the job context of the candidate.

- legislative, policy and quality system context in which forensic photography is conducted
- legislative, policy and quality system requirements for the security, protection and preservation of forensic images
- technical photographic knowledge
- required documentation for recording and collecting forensic images
- roles and functions of other forensic discipline specialists in the recording, collection, preservation and continuity of electronic evidence
- WHS practices to be followed when recording, collecting and storing forensic images

Assessment Conditions

Competency should be assessed in an actual workplace or in a simulated environment, with access to equipment and infrastructure appropriate to the outcome. Competency should be demonstrated over time to ensure the candidate is assessed across a variety of situations, with access to electronic devices with content suitable for forensic extraction including mobile devices, computers or communications equipment.

Assessors must satisfy the NVR/AQTF mandatory competency requirements for assessors.

Links

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