



Australian Government

Department of Education, Employment and Workplace Relations

CUVPHI05B Use a 35mm SLR camera or digital equivalent

Release: 1

CUVPHI05B Use a 35mm SLR camera or digital equivalent

Modification History

Not Applicable

Unit Descriptor

Unit descriptor

This unit describes the skills and knowledge required to apply a range of techniques to the use of a 35mm SLR camera or digital equivalent. It is a specialisation unit and refers to specific techniques for photoimaging. This unit underpins CUVPHI06B Plan and carry out image capture in response to a brief. The work would usually be carried out under supervision.

Current photoimaging industry practice relies increasingly on digital imaging processes and this should be reflected in training and assessment of this unit. Analogue equipment and processes may be used to support this as appropriate to the specific context.

No licensing, legislative, regulatory or certification requirements apply to this unit at the time of endorsement.

Application of the Unit

Not Applicable

Licensing/Regulatory Information

Refer to Unit Descriptor

Pre-Requisites

Prerequisite units

It is highly recommended that this unit be assessed in conjunction with the units which cover skills and knowledge for photoimaging developing and printing/outputting work.

Employability Skills Information

Employability skills

This unit contains employability skills.

Elements and Performance Criteria Pre-Content

Elements describe the essential outcomes of a unit of competency.

Performance criteria describe the performance needed to demonstrate achievement of the element. Where ***bold italicised*** text is used, further information is detailed in the required skills and knowledge section and the range statement. Assessment of performance is to be consistent with the evidence guide.

Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
1 Operate the camera.	1.1 Identify and select appropriate camera for specific purposes. 1.2 Safely operate the camera.
2 Experiment with techniques to capture photographic images.	2.1 Identify and select appropriate techniques for the photographic subject matter. 2.2 Identify and select correct lenses and accessories for the photographic subject. 2.3 Select and use appropriate controls to effect image capture and to ensure correct exposure. 2.4 Test techniques to achieve changes to subject appearance as required.
3 Review images.	3.1 Use equipment correctly to process and output the image. 3.2 Evaluate results to ensure correct exposure and the desired outcome for the subject matter. 3.3 Accurately document the processes and outcomes in accordance with workplace procedures.
4 Restore equipment.	4.1 Clean and prepare equipment for storage, using cleaning materials safely. 4.2 Store equipment in accordance with workplace procedures.

Required Skills and Knowledge

REQUIRED SKILLS AND KNOWLEDGE

This section describes the skills and knowledge required for this unit.

Required skills:

- literacy skills sufficient to follow instructions for a 35mm SLR camera or digital

REQUIRED SKILLS AND KNOWLEDGE

equivalent

- numeracy skills sufficient to interpret technical charts or diagrams relevant to the use of a 35mm SLR camera or digital equivalent.

Required knowledge:

- general knowledge of the use of a 35mm SLR camera or digital equivalent
- organisational and legislative occupational health and safety procedures in relation to photoimaging work with a 35mm SLR camera or digital equivalent
- general knowledge about other photographers, their work, ideas and techniques
- general knowledge about the elements and principles of design as applied to the use of a 35mm SLR cameras or digital equivalent
- cleaning and maintenance techniques for the use of a 35mm SLR camera or digital equivalent.

Evidence Guide

EVIDENCE GUIDE

The evidence guide provides advice on assessment and must be read in conjunction with the performance criteria, required skills and knowledge, range statement and the Assessment Guidelines for the Training Package.

Critical aspects for assessment and evidence required to demonstrate competency in this unit

The following evidence is critical to the judgement of competence in this unit:

- use of correct processes and techniques to produce images for specific purposes.

Context of and specific resources for assessment

The assessment context must provide for:

- practical demonstration of skills using a 35mm SLR camera or digital equivalent to capture images for specific purposes.

Method of assessment

Assessment may incorporate a range of methods to assess performance and the application of essential

EVIDENCE GUIDE

underpinning knowledge, and might include:

- direct observation of the candidate using a camera
- evaluation of images captured by the candidate
- oral or written questioning to assess knowledge of camera techniques and features
- discussion and/or written report of the nominated techniques applied to selected subject matter
- written or verbal reports
- review of portfolios of evidence
- third party workplace reports of performance by the candidate.

Assessment methods should closely reflect workplace demands (e.g. literacy) and the needs of particular groups (e.g. people with disabilities and people who may have literacy or numeracy difficulties such as speakers of languages other than English, remote communities and those with interrupted schooling).

Assessment of this unit requires access to the materials, resources and equipment needed to capture images.

Range Statement

RANGE STATEMENT

The range statement relates to the unit of competency as a whole. It allows for different work environments and situations that may affect performance. ***Bold italicised*** wording, if used in the performance criteria, is detailed below. Essential operating conditions that may be present with training and assessment (depending on the work situation needs of the candidate, accessibility of the item, and local industry and regional contexts) may also be included.

Safely means in accordance with:

- Federal, State and Territory legislation, regulations and standards.

The ***subject matter*** may be:

- portrait
- still life
- the built environment
- the natural environment.

Controls are:

- aperture
- lens focal length
- shutter speed.

Techniques to capture photographic images may relate to:

- aperture:
 - depth of field (maximum and minimum)
 - effect of different lens focal lengths on depth of field
- exposure meter techniques:
 - contrast evaluation
 - incident
 - reflected
 - spot
- perspective:
 - flattened perspective
 - normal perspective
 - steepened perspective
- shutter speed:
 - freeze motion

RANGE STATEMENT

- panning
- slow shutter speeds and moving subjects
- time exposure.

Equipment may include:

- cable release
- filters
- lens hoods
- tripod.

Process and output may refer to:

- use of digital image processing and output
- ways photographic film is processed and printed.

Documenting the processes may involve the use of:

- data sheets with notes
- diagrams
- a visual diary.

Preparing equipment for storage may involve:

- cleaning the lens
- use of covers, caps or cases for lens and camera.

Equipment and materials must include:

- 35mm SLR camera (or digital equivalent)
- film suitable for the nominated techniques black and white, colour or digital media
- lenses covering the focal length range 28mm to 135mm.

Unit Sector(s)

Not Applicable