



Australian Government

Department of Education, Employment and Workplace Relations

CUVPHI07B Process photoimages to work print/file stage

Release: 1

CUVPHI07B Process photoimages to work print/file stage

Modification History

Not Applicable

Unit Descriptor

Unit descriptor

This unit describes the skills and knowledge required to use techniques for image processing and focuses on technical aspects including chemical and electronic processes, sensitometry and optoelectronics. It is a specialisation unit and refers to specific equipment and techniques used for making photo work-print images. This 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:

- CUVPHI03B Research and apply information on the traditions which inform photoimaging practice
- CUVPHI06B Plan and carry out image capture in response to a brief
- CUVPHI08B Enhance, manipulate and output photo images
- CUFSAF01B Follow health safety and security procedures.

This unit may be assessed in conjunction with:

- CUVPHI05B Use a 35mm SLR camera or digital equivalent
- CUVCRS08B Document the work progress
- CUVCRS14B Prepare, store and maintain finished 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 Prepare work environment for analogue or digital processing. | 1.1 Select work environment which meets requirements for specific processing tasks.
1.2 Care for work environment so that it remains clean and safe during the production of work.
1.3 Correctly set up relevant equipment and materials /software for processing work.
1.4 Adhere to codes of practice and safety requirements for the workplace. |
| 2 Process images by analogue or digital means. | 2.1 Download digital files or process film according to manufacturers or supplied specifications.
2.2 Organise negatives or files into appropriate folders .
2.3 Accurately document the work progress in accordance with workplace procedures. |
| 3 Test techniques to produce proof sheet(s). | 3.1 Select appropriate files or negatives.
3.2 Apply the techniques required to produce analogue or digital proof sheets. |
| 4 Test techniques to make work-print(s) and screen images. | 4.1 Select images from the proof sheet(s) that match the concept /required outcome.
4.2 Utilise enhancement and printing techniques to output work-print(s) or display and save on screen. |
| 5 Restore work environment and equipment. | 5.1 Safely dismantle work area after use.
5.2 Minimise and clean up waste in accordance with safety requirements.
5.3 Clean and maintain equipment in accordance with manufacturer's instructions.
5.4 Store equipment in accordance with workplace procedures and ensure readiness for future use. |

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 read and interpret technical data and labels
- numeracy skills sufficient to calculate/measure materials requirement and interpret technical data/charts/graphs.

Required knowledge:

- work space requirements for photoimaging, including set up of work space for particular types of work
- capabilities of digital and wet darkroom equipment and their applications
- characteristics of different materials (e.g. chemicals) under different treatments and the potential of these characteristics to achieve different effects
- copyright, moral rights and intellectual property issues and legislation associated with photoimaging work
- environmental issues associated with the equipment and materials used in photoimaging work
- organisational and legislative occupational health and safety procedures in relation to photoimaging work
- elements and principles of design and how these may be used, adapted for image processing
- traditions which inform photoimaging practice and how these may be used to inform own practice.

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 in

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

- production of multiple proof sheets/work prints/digital files which demonstrate the

EVIDENCE GUIDE

this unit

application of selected techniques consistent with concept/brief.

Context of and specific resources for assessment

The assessment context must provide for:

- practical demonstration of skills using required equipment and materials for the production of proof sheets/work prints/digital files(s)
- presence of time constraints that reflect industry practice and standards.

Method of assessment

Assessment may incorporate a range of methods to assess performance and the application of essential underpinning knowledge, and might include:

- evaluation of proof sheets/work prints/digital files produced by the candidate
- discussion and questioning about the candidate's intention and the work outcome
- written and verbal reports
- evaluation of work prints/files produced by the candidate
- 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 materials and all resources and equipment needed to safely process, and enhance analogue or digital photo-images and to safely store these images for future output.

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.

The ***work environment*** may mean:

- darkroom equipped with enlarger(s), film processing and developing requirements, appropriate lighting plumbing and safely installed and managed electrical cabling
- digital context equipped with computer, scanner, printer and safely installed and managed electrical cabling, storage for software.

Equipment may include:

- computer
- digital camera
- discs and digital media storage cards
- enlarger(s)
- film and flat bed scanners
- imaging applications
- monitor
- output devices
- relevant wet darkroom equipment
- timer(s).

Materials may include:

- a range of film types for black and white photography, colour transparencies or colour photography
- a range of light sensitive papers
- relevant chemicals for wet darkroom film processing and developing
- storage folders.

Folders for storage may

- desktop folders, electronic media transfer/storage devices/CD and DVD

RANGE STATEMENT

- include:
- negative sleeves/enclosures/folders.
- Documenting the work progress*** may involve:
- diagrams
 - folder of data sheets with notes
 - recording procedures
 - visual diary.
- Origins of ***images*** processed may include:
- files created from scanned images film negatives, prints or other subjects (flat bed scanned)
 - files from digital cameras
 - gelatin silver based films from camera exposures.
- The concept*** may include:
- ease of realisation
 - exploration of the elements and principles of design
 - personal affinity with the technique
 - the relationship of the work to traditions of photographic practice.
- The concept*** may include references to:
- the subject matter or theme for the image, e.g. the body; identity; land and place; political and/or cultural issues.
- Enhancement*** techniques may involve:
- burning
 - contrast
 - density
 - digital (adjust levels/curves)
 - digital (colour correction)
 - dodging
 - spotting and basic retouching
 - using digital tool box functions
 - using photo relevant menu.
- Safely*** means in accordance with:
- Federal, State and Territory legislation, regulations and standards.

RANGE STATEMENT

Unit Sector(s)

Not Applicable