



Australian Government

Department of Education, Employment and Workplace Relations

CUVPHI09B Use colour materials, processing and printing techniques in a wet darkroom context

Release: 1

CUVPHI09B Use colour materials, processing and printing techniques in a wet darkroom context

Modification History

Not Applicable

Unit Descriptor

Unit descriptor

This unit describes the skills and knowledge required to process colour materials in a wet darkroom environment to produce colour negatives and transparencies. It also describes the skills and knowledge required to prepare and maintain a specific work space and to select materials and equipment required for colour film processing. It is a specialisation unit and refers to specific photographic processing techniques and must be linked with a unit in which images are captured. This work is carried out with 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 following units:

- CUVPHI01B Source and apply photoimaging industry knowledge
- CUVPHI02B Develop self for photoimaging industry
- CUVPHI03B Research and apply information on the traditions which inform photoimaging practice
- CUVPHI04B Apply photoimaging lighting techniques
- CUVPHI05B Use a 35mm SLR camera or digital equivalent
- CUVPHI06B Plan and carry out image capture in response to a brief
- CUFSAF01B Follow health safety and security procedures.

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 the work space for colour processing. | 1.1 Correctly determine the appropriate colour process from supplied pre-exposed film.
1.2 Correctly identify work space needs for processing the film.
1.3 Select work space which meets requirements for film processing.
1.4 Adhere to codes of practice and workplace safety requirements for the process selected and the work place. |
| 2 Produce colour negatives and/or transparencies. | 2.1 Safely process the film in accordance with manufacturer's specifications.
2.2 Cut, sleeve or file negatives and make proof sheet or workprints, if required. |
| 3 Plan the production of colour prints from colour negatives and/or transparencies. | 3.1 Determine the concept for the photographic print from proofs, work prints or transparencies.
3.2 Evaluate and select options to manipulate and output photographic prints to meet requirements of work. |
| 4 Make colour prints. | 4.1 Use selected negative/s and transparency/s and correctly apply the manipulation and output options.
4.2 Test and review results of manipulation and output options.
4.3 Compare outcome with planned concept and refine to achieve optimum result.
4.4 Accurately document the process in accordance with workplace procedures.
4.5 Safely store processed film for future use in accordance with workplace procedures. |
| 5 Restore work space, materials, and equipment and ensure safe storage. | 5.1 Safely restore 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. |

ELEMENT

PERFORMANCE CRITERIA

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 colour processing and printing techniques in a wet darkroom environment
- some knowledge of physical properties and capabilities of the materials and equipment used in the processing and printing of colour negatives and transparencies
- the characteristics of different materials (e.g. chemicals) under different treatments and the potential of these characteristics to achieve different effects in a wet darkroom context
- organisational and legislative occupational health and safety procedures in relation to colour processing and printing work
- environmental issues associated with the materials and equipment used in colour processing and printing techniques, including the potential issues associated with new approaches
- elements and principles of design and how these may be used, adapted for colour processing and printing
- traditions which inform photoimaging practice and how these may be used to inform own practice for colour processing and printing
- copyright, moral rights, intellectual property issues and legislation associated with colour processing and printing.

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:

- correct processing of colour negatives and transparencies and colour prints which demonstrate the application of selected techniques.

Context of and specific resources for assessment

The assessment context must provide for:

- practical demonstration of skills using required equipment and materials and selected techniques for colour processing and printing
- 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:

- direct observation of the candidate using colour processing and printing techniques
- questioning and discussion about candidate's intention and work outcome
- verbal or written reports
- evaluation of work prints produced by the candidate
- review of folios 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).

EVIDENCE GUIDE

Assessment of this unit requires access to the materials, resources and equipment needed for colour film processing and printing techniques.

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.

- | | |
|---|---|
| <i>Work space needs</i> may include: | <ul style="list-style-type: none">• benches, storage facilities, required darkroom layout• electricity• materials and equipment• process-specific needs• safe lights• ventilation• wet areas. |
| Techniques and <i>processes</i> may include: | <ul style="list-style-type: none">• exposure and processing of colour print materials• processing colour negative film• processing colour reversal film. |
| <i>Safely</i> means in accordance with: | <ul style="list-style-type: none">• Federal, State and Territory legislation, regulations and standards. |
| <i>The concept</i> may include: | <ul style="list-style-type: none">• elements and principles of design• relationship of the work to a theoretical and historical context• subject matter or theme for the photographic image. |
| Materials and <i>equipment</i> may include: | <ul style="list-style-type: none">• current professional grade colour reversal and colour negative materials• focusing magnifier• photographic thermometer• relevant darkroom and equipment |

RANGE STATEMENT

- relevant photographic chemicals for processing colour film and papers
- relevant photographic papers .

Unit Sector(s)

Not Applicable