



**Australian Government**

**Department of Education, Employment and Workplace Relations**

# **CUVVSP12B Produce digital images**

**Release: 1**

## **CUVVSP12B Produce digital images**

### **Modification History**

Not Applicable

### **Unit Descriptor**

#### **Unit descriptor**

This unit describes the skills and knowledge required to produce digital images through the exploration and application of a range of techniques, equipment and materials. As such the range of techniques could be quite varied and broad in nature. It is a specialisation unit and refers to a specific art form. This work would usually be carried out under limited supervision.

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:

- CUVCOR03B Develop, refine and communicate concept for own work
- CUVCOR08B Produce drawings to represent and communicate the concept
- CUVCOR12B Review history and theory for application to artistic practice.

Depending on the context, combined assessment and/or training with a range of other units would also be appropriate, e.g.:

- 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

- |   |   |
|---|---|
| <b>1 Prepare and maintain resources for digital imaging work.</b> | <ul style="list-style-type: none"><li>1.1 Correctly identify and select <i>equipment</i> and <i>materials</i> required for the production of digital images.</li><li>1.2 Prepare and maintain equipment and materials in accordance with relevant workplace procedures and safety requirements.</li><li>1.3 <i>Organise and maintain</i> work space so that it remains clean and safe.</li><li>1.4 Store equipment, information and materials in accordance with relevant workplace and safety requirements.</li></ul>  |
| <b>2 Explore digital techniques to plan work.</b>                 | <ul style="list-style-type: none"><li>2.1 Assess the <i>capabilities of techniques</i>, equipment and materials for digital imaging work.</li><li>2.2 Use and/or combine different techniques, equipment and materials to determine and <i>extend capabilities</i>.</li><li>2.3 Determine the <i>conceptual vision</i> for the proposed digital imaging work based on exploration of different <i>techniques</i> or from supplied information.</li><li>2.4 Establish criteria for the selection of techniques to meet the conceptual vision.</li><li>2.5 Select techniques based on the conceptual vision.</li><li>2.6 Plan work, identifying work processes and resource requirements.</li></ul> |
| <b>3 Realise digital images.</b>                                  | <ul style="list-style-type: none"><li>3.1 Organise the resources required for the production of the proposed digital images based on the plan of work.</li><li>3.2 Safely use and adapt techniques, equipment and materials appropriately to realise the conceptual vision.</li><li>3.3 Identify potential different approaches that may enhance the final work and incorporate these into the work process.</li></ul>  |

## 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 equipment instructions
- numeracy skills sufficient to deal with such issues as resolution, sizing, file storage.

#### Required knowledge:

- equipment and materials used in the production of digital images
- work space requirements for the production of digital images, including ways of organising and maintaining space
- ways of exploring, adapting and combining techniques to achieve different effects in digital imaging work
- general knowledge of the formal elements and principles of design and their specific application to the production of digital images
- maintenance of equipment used in digital imaging work
- general knowledge of the historical and theoretical contexts for digital imaging work
- awareness of copyright, moral rights and intellectual property issues
- organisational and legislative occupational health and safety procedures in relation to digital imaging work.

## 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

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

- production of digital images which demonstrate a

## EVIDENCE GUIDE

### competency in this unit

command of selected techniques and which are consistent with the conceptual vision

- knowledge of equipment and materials and how they are used and extended in the production of digital images.

### Context of and specific resources for assessment

The assessment context must provide for:

- evaluation of visual language and technical execution of work pieces produced by the candidate
- practical demonstration of skills using required tools, equipment and materials to produce multiple examples of digital imaging work or a single major work.

### 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 digital imaging work in progress
- questioning and discussion of the candidate's intentions and work
- verbal and written 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 produce digital 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.

***Equipment*** may include:

- computer
- digital camera
- imaging applications
- output device
- scanner.

***Materials*** may include:

- a range of printing surfaces, including papers, acetate, fabrics.

***Maintaining equipment and materials*** may involve:

- charging batteries
- deleting image files from memory cards
- replacing protective covers
- replenishing paper supply
- saving files
- shutting down computers
- turning off power supply.

***Workplace procedures*** may relate to such things as:

- cost control
- recycling
- reporting
- safety
- use of materials.

***Safety requirements*** would be in accordance with:

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

## RANGE STATEMENT

***Organisation and maintenance*** of the work space may relate to:

- ergonomic considerations
- light
- power supply.

Assessing the ***capabilities of techniques*** may involve further practice with the techniques to acquire, manipulate and print images while also manipulating variables such as resolution, colour depth, brightness, contrast. It may also involve:

- experimenting directly with work in progress
- producing practice prints or samples
- testing imaging features of the software in use.

***Extending capabilities*** of techniques refers to:

- exploring the potential of techniques and discovering new ways of using techniques.

The ***conceptual vision*** may be determined by:

- elements and principles of design
- the relationship of the work to a theoretical and historical context
- the subject matter or theme for the digital images, e.g. the body; identity; land and place; political, cultural, social issues; spiritual concerns.

Within this unit the candidate would generally extend, build upon and combine a range of ***techniques*** which may include:

- acquiring an image through scanning, digital photography or from the Internet
- file format considerations
- manipulating the image by means of a range of imaging applications
- outputting image as a print, CD-ROM or other storage medium.

***Criteria for the selection of techniques*** may relate to:

- access to materials and equipment
- consistency with the conceptual vision for the proposed digital images
- ease of application of the techniques
- personal affinity with the techniques.



## **RANGE STATEMENT**

### **Unit Sector(s)**

Not Applicable