



Australian Government

Department of Education, Employment and Workplace Relations

CUVVSP11A Apply techniques to produce digital images

Release: 1

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Modification History

Not applicable.

Unit Descriptor

This unit describes the skills and knowledge required to use techniques, materials and equipment for the production of digital images. As such the unit covers general knowledge and the application of basic techniques, which would generally be nominated by the supervisor. It is a specialisation unit and refers to a specific art form. This work would usually be carried out under supervision.

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Application of the Unit

Not applicable.

Licensing/Regulatory Information

Not applicable.

Pre-Requisites

Not applicable.

Employability Skills Information

Not applicable.

Elements and Performance Criteria Pre-Content

Not applicable.

Elements and Performance Criteria

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Element	Performance Criteria
1 Prepare and maintain physical resources for the production of digital images	1.1 Correctly identify and select equipment and materials required for the production of digital images 1.2 Prepare and maintain equipment and materials in accordance with relevant workplace procedures and safety requirements 1.3 Organise and maintain work space so that it remains clean and safe 1.4 Store equipment and materials in accordance with relevant workplace procedures and safety requirements
2 Use and test digital imaging techniques	2.1 Safely use techniques for the production of digital images 2.2 Use and test nominated techniques to determine the capability of the technique and its application
3 Produce digital images	3.1 Determine concept for the proposed digital images based on own ideas or supplied information 3.2 Correctly identify the steps and resources required to produce the proposed digital images 3.3 Select appropriate equipment and materials for the specific digital images 3.4 Use techniques and materials safely to produce the final digital imaging work

Required Skills and Knowledge

Not applicable.

Evidence Guide

Underpinning skills and knowledge

Assessment must include evidence of the following knowledge and skills:

general knowledge of equipment used in digital imaging work

general knowledge of different styles of digital imaging work and the work of key practitioners

overview knowledge of the formal elements and principles of design

introductory knowledge of the historical and theoretical contexts for digital imaging work

typical equipment requirements for the production of digital imaging work

digital equipment use and maintenance

awareness of copyright, moral rights and intellectual property issues

organisational and legislative Occupational Health and Safety procedures in relation to digital imaging work

literacy skills sufficient to read operational instructions

numeracy skills sufficient to deal with such issues as input and output resolution, resizing.

Linkages to other units

It is highly recommended that this unit be assessed in conjunction with:

CUVCOR01A - Source concept for own work, **or**

CUVCOR02A - Develop and articulate concept for own work

CUVCOR07A - Use drawing techniques to represent the object or idea, **or**

CUVCOR08A - Produce drawings to represent and communicate the concept

It could also be assessed in conjunction with:

CUVCOR11A - Source information on history and theory and apply to own area of work

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

CUVCRS13A - Store finished work

Critical aspects of evidence

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

production of digital images which demonstrate a command of nominated techniques and which reflect the concept

general knowledge of materials and equipment used in digital imaging work.

Method and context of 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 digital images.

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 candidate's intentions and work

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).

Resource requirements

Assessment of this unit requires access to the materials, resources and equipment needed to produce digital images using the nominated techniques.

Key competencies in this unit

Key competencies are built into all workplace competencies. The table below describes those applicable to this unit. Trainers and assessors should ensure that they are addressed in training and assessment.

Level 1 = Perform

Level 2 = Administer and Manage

Level 3 = Design and Evaluate

Collecting, organising and analysing information (1)

Using and testing nominated techniques and determining their capabilities and application.

Communicating ideas and information (1)

Producing final digital images.

Planning and organising activities (1)

Identifying the steps and resources required to produce the proposed work.

Working with others and in teams N/A

Not Applicable

Using mathematical ideas and techniques (1)

Dealing with image resolution issues.

Solving problems (1)

Responding to equipment failure.

Using technology (1)

Using digital technology.

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Using digital technology.

Range Statement

The following explanations identify how this unit may be applied in different workplaces, sectors and circumstances.

Within this unit the range of techniques used would generally be quite limited in nature and may include:

acquiring an image through scanning, digital photography or from the Internet
manipulating the image by means of imaging software
outputting the image.

Testing nominated techniques may involve further practise with the techniques to acquire, manipulate and print images while also manipulating variables such as resolution, colour depth, brightness, and contrast. It may involve producing samples or test pieces.

Equipment may include:

digital camera
scanner
computer and imaging applications
output device.

Materials may include a range of printing papers.

Workplace procedures may relate to such things as safety, recycling, cost control, reporting.

Organisation and maintenance of the work space may relate to:

lighting
power supply
ergonomic considerations.

The concept for the proposed digital images may be influenced by:

the subject matter or theme for the work, e.g. the body; identity; land and place; political, cultural, social issues; spiritual concerns
elements and principles of design.

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Unit Sector(s)

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