



Australian Government

Department of Education, Employment and Workplace Relations

CUVDIG201A Develop digital imaging skills

Release: 1

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Modification History

Version	Comments
CUVDIG201A	This version first released with <i>CUV11 Visual Arts, Craft and Design Training Package version 1.0</i>

Unit Descriptor

This unit describes the performance outcomes, skills and knowledge required to use basic techniques to work with digital images.

Application of the Unit

People with little or no experience in working with digital images apply the skills and knowledge outlined in this unit. Typically they are embarking on a career in visual arts or a related area of creative practice and may have acquired skills in using digital imaging software for general design or drawing purposes either at school or through self-directed learning and experimentation.

At this level, they are applying basic techniques to produce digital images from simple design concepts. Supervision and guidance would usually be provided.

Licensing/Regulatory Information

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

Pre-Requisites

Not applicable.

Employability Skills Information

This unit contains employability skills.

Elements and Performance Criteria Pre-Content

Element	Performance Criteria
<i>Elements describe the essential outcomes of a unit of competency.</i>	<i>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.</i>

Elements and Performance Criteria

1. Prepare digital imaging resources	1.1 Identify and obtain digital imaging <i>tools, equipment</i> and <i>materials</i> 1.2 Prepare tools, equipment and materials according to <i>workplace procedures</i> and safety requirements 1.3 Set up a safe work space with guidance from <i>key people</i>
2. Use and test digital imaging techniques	2.1 View a range of digital images in different styles and discuss with others how effects are achieved 2.2 Match potential techniques to the <i>ideas</i> for the work with the assistance of key people 2.3 <i>Test</i> nominated <i>techniques</i> to determine the effects they achieve 2.4 Safely use selected techniques to produce digital images 2.5 Calculate correct quantities of materials required and minimise waste where possible 2.6 Clean and store tools, equipment and materials according to safety requirements and specific needs of different items
3. Make plans to develop skills	3.1 Seek feedback on digital imaging work from key people 3.2 Respond positively to feedback and identify key areas for improvement 3.3 Review different opportunities to build own skills and select suitable options

Required Skills and Knowledge

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

Required skills

- communication skills to:
 - discuss the process for producing digital imaging with others
 - understand and follow instructions
- learning skills to:
 - improve techniques for producing digital images through practice
 - respond appropriately to feedback
- literacy skills to read product and equipment safety labels
- numeracy skills to calculate quantities of materials
- planning and organising skills to prepare and set up resources and work space.

Required knowledge

- materials, tools and equipment commonly used for digital imaging
- major styles of digital imaging and the work of key practitioners relevant to individual area of interest
- typical work space and equipment requirements for the production of different types of digital images
- cleaning and maintenance techniques for tools and equipment used in producing digital images
- elements and principles of design – what they are and what they mean
- intellectual property considerations for any person making creative work
- ways of minimising waste in the use of digital imaging tools, materials and equipment
- OHS procedures that apply to digital imaging work.

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.

Overview of assessment	
Critical aspects for assessment and evidence required to demonstrate competency in this unit	<p>Evidence of the ability to:</p> <ul style="list-style-type: none"> produce a series of digital images where the techniques and materials support the idea for the work apply knowledge of materials and equipment used in digital imaging work.
Context of and specific resources for assessment	<p>Assessment must ensure access to:</p> <ul style="list-style-type: none"> equipment and materials used in digital imaging work.
Method of assessment	<p>A range of assessment methods should be used to assess practical skills and knowledge. The following examples are appropriate for this unit:</p> <ul style="list-style-type: none"> direct observation of digital imaging work in progress questioning and discussion of candidate's intentions and work outcome review of portfolios of evidence review of third-party reports from experienced practitioners. <p>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).</p>
Guidance information for assessment	<p>Holistic assessment with other units relevant to the industry sector, workplace and job role is recommended, for example:</p> <ul style="list-style-type: none"> CUVPRP201A Make simple creative work.

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>Tools and equipment</i> may include:	<ul style="list-style-type: none"> • computer • digital camera • digital imaging software • guillotine • output device • scanner.
<i>Materials</i> may include:	<ul style="list-style-type: none"> • a range of papers for printing • hard copy source material, such as: <ul style="list-style-type: none"> • magazine clippings • paintings • photos.
<i>Workplace procedures</i> may relate to such things as:	<ul style="list-style-type: none"> • cost control • recycling • reporting • safety.
<i>Key people</i> may include:	<ul style="list-style-type: none"> • arts practitioners • mentors • supervisors • teachers.
<i>Ideas</i> may be influenced by:	<ul style="list-style-type: none"> • current capability with techniques • historical and theoretical contexts • subject matter or theme for the work, such as: <ul style="list-style-type: none"> • built environment • land and place • natural world • political, cultural and social issues • the body • spiritual concerns.
Process used to <i>test</i> techniques may include:	<ul style="list-style-type: none"> • further practice with techniques to acquire, manipulate and print images while also manipulating variables, such as: <ul style="list-style-type: none"> • brightness • colour depth • contrast

	<ul style="list-style-type: none">• resolution• producing samples.
<p><i>Techniques</i> would generally be quite limited in nature and may include:</p>	<ul style="list-style-type: none">• acquiring images:<ul style="list-style-type: none">• from the internet• through digital photography• through scanning• manipulating images using basic features of imaging software• outputting images in appropriate file formats:<ul style="list-style-type: none">• GIF• JPEG• PDF• PICT• PNG• PSD• TIFF• printing hard copies of images• uploading images to the internet.

Unit Sector(s)

Visual communication – digital content and imaging