



Australian Government

ICTDMT403 Produce and edit digital images

Release: 1

ICTDMT403 Produce and edit digital images

Modification History

Release	Comments
Release 1	This version first released with ICT Information and Communications Technology Training Package Version 1.0.

Application

This unit describes the skills and knowledge required to produce and edit digital images using a range of digital media technologies.

It applies to individuals who possess sound knowledge of digital media, who may provide support within a team or who may be independently responsible for producing editing, enhancing and manipulating digital images.

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

Unit Sector

Digital media technologies

Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Assess digital camera qualities	1.1 Assess camera software compatibility with hardware systems and select appropriate software for the production 1.2 Select a pixel resolution on the camera to achieve the required quality and resolution of outcome 1.3 Check the storage capacity of the camera to identify the number of images required to be captured 1.4 Assess camera features suitable to the quality, and use of, the digital images required 1.5 Handle and store lithium batteries according to work health and safety (WHS) requirements

ELEMENT	PERFORMANCE CRITERIA
2. Photograph an image	2.1 Consider camera features, when operating the camera, to ensure that the capture of the image meets production requirements 2.2 Load and operate the camera, according to the manufacturer's specifications, and as appropriate to the quality of image to be photographed 2.3 Capture digital images using designated file formats
3. Edit a digital image	3.1 Ensure the correct use of digital image software, including entering and exiting the selected software 3.2 Create and store digital image files on a computer according to software procedures 3.3 Enhance, crop and alter digital images electronically, to deliver the required image 3.4 Check digital images for suitability and compliance with specifications 3.5 Save and retrieve digital images using designated file formats 3.6 Assess digital images for the delivery mode
4. Incorporate digital images into an interactive sequence	4.1 Create graphics that incorporate the principles of design using digital image software 4.2 Edit, enhance, amend and save digital images using digital image software 4.3 Combine digital images into a designated interactive sequence 4.4 Integrate the digital images into a designated interactive sequence 4.5 Evaluate the outcome for purpose, visual impact and effectiveness

Foundation Skills

This section describes language, literacy, numeracy and employment skills incorporated in the performance criteria that are required for competent performance.

Skill	Performance Criteria	Description
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Reading	1.1-1.5, 2.1-2.3, 3.1-3.6, 4.1, 4.2	Interprets and analyses complex information in a range of texts, critically evaluating numerical and textual information to identify compatibility, comparing technical specifications and solutions to new and emerging issues
Writing	2.3, 3.1, 3.2, 3.5, 4.2, 4.5	Develops material and resources utilising knowledge of spelling, grammar, appropriate structure and layout, to organise and record information, and evaluates digital image details accurately using specific language and format required for the audience
Numeracy	1.2,1.3, 4.1	- Uses numeracy to identify the appropriate technical specifications to achieve the desired outcome - Uses a combination of both formal and informal mathematical language involving knowledge of unity, scale, perspective and balance when considering creating graphics
Get the work done	1.1-1.5, 2.1- 2.3, 3.1-3.6, 4.1-4.5	- Takes responsibility for planning, sequencing and prioritising tasks and own workload for efficiency and effective outcomes - Makes routine decisions and implements standard procedures for routine tasks, using formal decision making processes for more complex and non-routine situations - Addresses less predictable problems and initiates standard procedures in response to these, applying problem-solving processes in determining a solution - Understands the purposes, specific functions and key features of common digital systems and tools, and operates them effectively to complete routine tasks

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
ICTDMT403 Produce and edit digital images	ICADMT403A Produce and edit digital images	Updated to meet Standards for Training Packages	Equivalent unit

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=a53af4e4-b400-484e-b778-71c9e9d6aff2>

Assessment Requirements for ICTDMT403 Produce and edit digital images

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Performance Evidence

Evidence of the ability to:

- demonstrate the operation of a digital camera in order to capture a range of images
- assemble the appropriate tools and procedures required to produce digital images
- demonstrate using digital imaging software to prepare high quality digital images that satisfy a range of customer or business requirements.

Note: If a specific volume or frequency is not stated, then evidence must be provided at least once.

Knowledge Evidence

To complete the unit requirements safely and effectively, the individual must:

- describe the functions and features of a range of delivery platforms
- describe digital photographic techniques
- explain the basic principles of communication through visual design
- describe the implications of technology connectivity
- explain work health and safety (WHS) requirements for the use of cameras, and computers, and the handling and disposing of lithium batteries
- explain procedures for customer and business liaison
- describe the industry standards relevant to digital images.

Assessment Conditions

Gather evidence to demonstrate consistent performance in conditions that are safe and replicate the workplace. Noise levels, production flow, interruptions and time variances must be typical of those experienced in the digital media field of work, and include access to:

- special purpose tools and equipment
- materials and industry software packages

- a digital camera
- industry standard graphics software
- copyright information.

Assessors must satisfy NVR/AQTF assessor requirements.

Links

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