



Australian Government

ICPDMT321 Capture a digital image

Release: 1

ICPDMT321 Capture a digital image

Modification History

Release	Comments
Release 1	This version first released with ICP Printing and Graphic Arts Training Package Version 1.0.

Application

This unit describes the skills and knowledge required to evaluate and use digital camera technology and alter and upload digital images.

It applies to individuals who may work in a team environment with some responsibility for producing quality outcomes based on requirements.

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 Camera software compatibility with hardware system is assessed and appropriate software is selected for job 1.2 Pixel resolution of camera is matched to required quality and resolution of outcome 1.3 RAM capacity of camera is checked to be sufficient for number of images required to be captured 1.4 Shutter speed, focal lengths and camera feature modes are assessed as suitable for quality and use of photographic images required 1.5 Lithium batteries are handled and stored according to work health and safety (WHS) requirements

ELEMENT	PERFORMANCE CRITERIA
2 Set up for image capture	2.1 Camera is set up for image composition according to job specifications 2.2 Lighting is arranged according to job specifications 2.3 Light intensity is set for correct exposure
3 Preview image	3.1 Tone curves are adjusted according to job specifications 3.2 Neutral balance of image is arranged and adjusted 3.3 Adjustments to image composition and exposure are made
4 Photograph and upload digital image	4.1 Digital camera is loaded and operated according to manufacturer's and job specifications appropriate to quality of image to be photographed 4.2 File is uploaded on to relevant computer and image saved on hard disk 4.3 Photographic image files are created and stored on computer 4.4 Photographic images are enhanced, cropped and altered electronically to deliver required image 4.5 Photographic images are checked to ensure they meet job brief 4.6 Photographic images are delivered using required delivery mode

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
Reading	1.5, 2.1, 2.2, 3.1, 4.1, 4.5	Interprets textual information to determine and confirm job requirements
Writing	4.3	Uses required conventions to name electronic files
Numeracy	1.2-1.4, 2.3	- Recognises mathematical data related to memory capacity - Uses basic mathematical calculations to select appropriate camera features related to shutter speed, focal length or pixel resolutions
Navigate the	1.5	Adheres to legislative requirements related to own role with specific reference to safety

world of work		
Get the work done	1.1-1.4, 2.1-2.3, 3.1-3.3, 4.1-4.6	- Plans and implements tasks required to complete jobs according to specifications - Assesses job requirements to make decisions related to camera settings and image outputs - Analyses image quality problems and identifies and implements appropriate correction methods - Understands the purposes, specific functions and key features of common digital systems and tools and operates them effectively to produce digital images

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
ICPDMT321 Capture a digital image	ICPMM321C Capture a digital image	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=a74b7a0f-a253-47e3-8be0-5d426e24131d>

Assessment Requirements for ICPDMT321 Capture a digital image

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Performance Evidence

Evidence of the ability to:

- find and use information relevant to the task from various sources
- set up a digital camera correctly and safely
- use a digital camera to:
 - preview and capture THREE digital images
 - transfer images to a computer
 - use relevant software to produce final images that meet job 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:

- identify and explain the key features of the digital camera that impact on the quality of the photographic image
- determine the safety requirements for handling and storing lithium batteries
- explain how to transfer and store images from a camera to a computer list and describe ways that photographic images can be altered or enhanced electronically
- explain why the required delivery mode is important when preparing a photographic image.

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 technologies field of work and include access to:

- a digital camera
- computer hardware and software
- photographic equipment and materials.

Assessors must satisfy NVR/AQTF assessor requirements.

Links

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