



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 | <p>1.1 Camera software compatibility with hardware system is assessed and appropriate software is selected for job</p> <p>1.2 Pixel resolution of camera is matched to required quality and resolution of outcome</p> <p>1.3 RAM capacity of camera is checked to be sufficient for number of images required to be captured</p> <p>1.4 Shutter speed, focal lengths and camera feature modes are assessed as suitable for quality and use of photographic images required</p> <p>1.5 Lithium batteries are handled and stored according to work health and safety (WHS) requirements</p> |

| 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 | <ul style="list-style-type: none"> Interprets textual information to determine and confirm job requirements |
| Writing | 4.3 | <ul style="list-style-type: none"> Uses required conventions to name electronic files |
| Numeracy | 1.2-1.4, 2.3 | <ul style="list-style-type: none"> 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 | <ul style="list-style-type: none"> 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 | <ul style="list-style-type: none">Plans and implements tasks required to complete jobs according to specificationsAssesses job requirements to make decisions related to camera settings and image outputsAnalyses image quality problems and identifies and implements appropriate correction methodsUnderstands 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>