



**Australian Government**

# **ICTDMT406 Produce and edit digital images**

**Release: 1**

# ICTDMT406 Produce and edit digital images

## Modification History

| Release   | Comments                                                                                                     |
|-----------|--------------------------------------------------------------------------------------------------------------|
| Release 1 | This version first released with ICT Information and Communications Technology Training Package Version 6.0. |

## 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 knowledge of digital media and technologies and may provide support within a team or be independently responsible for producing editing, enhancing and manipulating digital images in any industry.

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. Prepare digital imaging work                  | 1.1 Identify type of image required and environmental considerations<br>1.2 Identify and address intellectual property requirements<br>1.3 Determine image capturing device and imaging software requirements<br>1.4 Prepare plan of digital image capturing steps and equipment according to task requirements<br>1.5 Set up image capturing device according to task requirements |
| 2. Capture digital image                         | 2.1 Check image capturing device, environmental and other factors are as required and adjust where needed<br>2.2 Operate image capturing device and capture images according                                                                                                                                                                                                        |

| ELEMENT                                | PERFORMANCE CRITERIA                                                                                                                                                                                                                                                                                                                                                                                           |
|----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                        | to manufacturer specifications and task requirements<br>2.3 Save required and delete non required images according to device specifications                                                                                                                                                                                                                                                                    |
| 3. Finalise digital image editing task | 3.1 Download digital images to digital editing platform and save according to task requirements<br>3.2 Enhance, crop and alter digital images to task requirements<br>3.3 Combine and integrate digital images into required designated interactive sequence<br>3.4 Submit digital images to required personnel and seek feedback<br>3.5 Respond to feedback and obtain final sign off from required personnel |

## Foundation Skills

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

| Skill                   | Description                                                                                                                                                                                                                                                                                                                                                           |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Numeracy                | <ul style="list-style-type: none"> <li>Demonstrates an understanding of numeracy to identify required technical specifications to achieve the desired digital image outcomes</li> <li>Uses a combination of both formal and informal mathematical language involving knowledge of unity, scale, perspective and balance when considering creating graphics</li> </ul> |
| Oral communication      | <ul style="list-style-type: none"> <li>Uses listening and questioning techniques to confirm task requirements and articulate information using relevant industry for intended audience</li> </ul>                                                                                                                                                                     |
| Reading                 | <ul style="list-style-type: none"> <li>Interprets and analyses complex information in a range of texts and critically evaluates numerical and textual information</li> <li>Identifies compatibility and compares technical specifications and solutions to new and emerging issues</li> </ul>                                                                         |
| Planning and organising | <ul style="list-style-type: none"> <li>Takes responsibility for planning, sequencing and prioritising tasks and own workload for required outcomes</li> </ul>                                                                                                                                                                                                         |
| Problem solving         | <ul style="list-style-type: none"> <li>Demonstrates an understanding of how to address less predictable problems and initiates standard procedures in response</li> <li>Applies problem-solving processes in determining a solution</li> </ul>                                                                                                                        |
| Self-management         | <ul style="list-style-type: none"> <li>Implements standard procedures and makes decisions for routine tasks</li> <li>Uses formal decision-making processes for more complex and</li> </ul>                                                                                                                                                                            |

| Skill      | Description                                                                                                                                                                                       |
|------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|            | non-routine situations                                                                                                                                                                            |
| Technology | <ul style="list-style-type: none"><li>• Demonstrates an understanding of purposes, functions and key features of digital systems and tools, and operates them to complete routine tasks</li></ul> |

## Unit Mapping Information

Supersedes and is equivalent to ICTDMT403 Produce and edit digital images.

## Links

Companion Volume Implementation Guide is found on VETNet -

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

# Assessment Requirements for ICTDMT406 Produce and edit digital images

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## Performance Evidence

The candidate must demonstrate the ability to complete the tasks outlined in the elements, performance criteria and foundation skills of this unit, including evidence of the ability to:

- identify, edit and sequence at least three digitally captured images using each of the following types of image capturing devices on at least one occasion, including:
  - mobile phone devices
  - smart devices
  - digital SLR.

In the course of the above, the candidate must:

- demonstrate the operation of a digital camera in order to capture a range of images
- assemble required 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 and business requirements
- apply copyright and IP requirements.

## Knowledge Evidence

The candidate must be able to demonstrate knowledge to complete the tasks outlined in the elements, performance criteria and foundation skills of this unit, including knowledge of:

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

## Assessment Conditions

Skills in this unit must be demonstrated in a workplace or simulated environment where the conditions are typical of those in a working environment in this industry.

This includes access to:

- special purpose tools and equipment
- materials and industry software packages
- image capturing equipment including:
  - digital camera
  - mobile phone device with image capturing capacity
  - smart device with image capturing capacity
  - digital SLR
- industry standard graphics software
- copyright information.

## Links

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