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| <b>Title</b> | <b>Produce digital images for a range of digital media</b> |                |          |
| <b>Level</b> | <b>2</b>   | <b>Credits</b> | <b>3</b> |

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| <b>Purpose</b> | <p>People credited with this unit standard are able to: source and edit selected images; and use digital drawing tools to create a vector graphic image.</p> <p>This unit standard has been developed primarily for assessment as an option within programmes leading to the New Zealand Certificate in Computing (User Fundamentals) (Level 2) [Ref: 2591], and the New Zealand Certificate in Computing (Foundation User) (Level 2) [Ref: 4132].</p> |
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| <b>Classification</b> | Computing > Generic Computing |
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| <b>Available grade</b> | Achieved |
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### Guidance Information

- Assessment, where applicable, will be conducted in and for the context of a real or realistic situation and/or setting, and be relevant to current and/or emerging practice. The assessor may gather evidence over time from a range of scenarios rather than using one assessment where the learner has to demonstrate all of the required skills.
- The requirements for the images will be supplied to the learner, and will include audience, topic and the final specifications. Final specifications include but are not limited to – resolution, image size, colour mode, file size, file format. Sources must be acknowledged, and consideration must be given to creative commons and copyright.
- Definitions  
*Copyright* refers to the exclusive legal right given to a creator to control the reproduction of their work.  
*Creative Commons (CC)* refers to collaborative global commons, which may include public domain free tools, for the sharing and use of creativity and knowledge, which work alongside copyright.  
*Images* refer to bitmap/raster or vector graphics.  
*Vector graphic image* is the use of geometrical elements such as points, lines, curves, shapes and polygons to represent images in computer graphics.
- Legislation relevant to this unit standard may include but is not limited to the:  
 Copyright Act 1994  
 Copyright (New Technologies) Amendment Act 2008  
 Defamation Act 1992  
 Films, Videos, and Publications Classification Act 1993

Harmful Digital Communications Act 2015

Health and Safety at Work Act 2015

Privacy Act 2020

Telecommunications Act 2001

Unsolicited Electronic Messages Act 2007

and any subsequent amendments.

Current legislation and regulations can be accessed at <http://legislation.govt.nz>.

## 5 Reference

*ACC5637 Guidelines for Using Computers - Preventing and managing discomfort, pain and injury.* Accident Compensation Corporation - Department of Labour, 2010; available from Worksafe New Zealand, at

<http://www.business.govt.nz/worksafe/information-guidance/all-guidance-items/guidelines-for-using-computers>.

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## Outcomes and performance criteria

### Outcome 1

Source and edit selected images.

Range a minimum of six images for a range of media, each with different resolution and size requirements; media includes but is not limited to – website, digital print; and may include offset print.

### Performance criteria

1.1 Images are identified to suit the given requirements.

1.2 Images are sourced and downloaded from the input devices available.

Range evidence is required from the internet plus two devices that may include but are not limited to – scanner, digital camera, computer storage/hard drive, smart devices, portable input device.

1.3 Images are opened and prepared for editing, retaining original integrity.

Range original integrity includes – images not being distorted; appropriate resolution for the intended output.

1.4 Images are edited to meet the given requirements.

Range includes – resolution, image size, colour mode, file size, format; editing parameters include but is not limited to a minimum of two from – brightness, contrast, tonal range, composition, red-eye removal, colour, brush tools, pixel selects, layers, flattening images, text.

1.5 Edited images are named and saved in a format appropriate to the given requirements.

Range saved includes but is not limited to – file types; ready for exporting and use in other media and applications.

1.6 Images are used according to applicable legal, ethical and moral considerations.

Range considerations include but are not limited to – creative commons, copyright, attribution, licencing; privacy; appropriateness to situation.

## Outcome 2

Use digital drawing tools to create a vector graphic image.

### Performance criteria

2.1 Vector graphic image is created, optimised and saved to meet requirements.

Range requirements include but are not limited to – standard and transparent background; image size; file types ready for exporting and use in other media and applications.

2.2 Graphic is imported successfully into another application and checked to ensure it displays as intended.

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| <b>Replacement information</b> | This unit standard replaced unit standard 26745. |
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| <b>Planned review date</b> | 31 December 2026 |
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### Status information and last date for assessment for superseded versions

| Process      | Version | Date            | Last Date for Assessment |
|--------------|---------|-----------------|--------------------------|
| Registration | 1       | 19 January 2017 | 31 December 2024         |
| Review       | 2       | 26 May 2022     | N/A                      |

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| <b>Consent and Moderation Requirements (CMR) reference</b> | 0099 |
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

### Comments on this unit standard

Please contact Toi Mai Workforce Development Council [qualifications@toimai.nz](mailto:qualifications@toimai.nz) if you wish to suggest changes to the content of this unit standard.