

Title	Produce digital images for a range of digital media		
Level	2	Credits	3

Purpose	<p>People credited with this unit standard are able to: source and download selected images; edit images; and use digital drawing tools to create a vector graphic image, to meet the given requirements.</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].</p>
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Classification	Computing > Generic Computing
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Available grade	Achieved
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Explanatory notes

- 1 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.
- 2 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, size, colour mode, file size, file format. The source may be provided by the assessor or by the learner. Sources must be acknowledged, and consideration must be given to creative commons and copyright.
- 3 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, the public domain free legal tools for the sharing and use of creativity and knowledge, which work alongside copyright.

Images refer to raster, bitmap 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.
- 4 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 1993

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 References

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>.

Outcomes and evidence requirements

Outcome 1

Source and download selected images to meet the given requirements.

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, offset print.

Evidence requirements

1.1 Images are identified to suit the given requirements.

1.2 Images are sourced from the input devices available.

Range evidence is required from two devices that may include but are not limited to – scanner, digital camera, internet, photo disc, computer, portable input device.

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

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

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

Range includes but is not limited to – creative commons, copyright, attribution, licencing; privacy; appropriateness to situation.

Outcome 2

Edit images to meet the given requirements.

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, offset print.

Evidence requirements

2.1 Images are adjusted to meet the given requirements.

Range includes – resolution, size, colour mode, file size, format;
includes 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.

2.2 Adjusted images are saved and named 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.

Outcome 3

Use digital drawing tools to create a vector graphic image to meet the given requirements.

Evidence requirements

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

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

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

Replacement information	This unit standard replaced unit standard 26745.
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Planned review date	31 December 2021
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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	N/A

Consent and Moderation Requirements (CMR) reference	0226
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

Please note

Providers must be granted consent to assess against standards (accredited) by NZQA, before they can report credits from assessment against unit standards or deliver courses of study leading to that assessment.

Industry Training Organisations must be granted consent to assess against standards by NZQA before they can register credits from assessment against unit standards.

Providers and Industry Training Organisations, which have been granted consent and which are assessing against unit standards must engage with the moderation system that applies to those standards.

Requirements for consent to assess and an outline of the moderation system that applies to this standard are outlined in the Consent and Moderation Requirements (CMR). The CMR also includes useful information about special requirements for organisations wishing to develop education and training programmes, such as minimum qualifications for tutors and assessors, and special resource requirements.

Comments on this unit standard

Please contact NZQA National Qualifications Services nqs@nzqa.govt.nz if you wish to suggest changes to the content of this unit standard.