

Title	Draw vector and raster illustrations using illustrative techniques for digital printing processes		
Level	4	Credits	20

Purpose	People credited with this unit standard are able to: demonstrate knowledge of illustrative techniques and the use of software to reproduce the techniques in electronic files; and draw vector and raster illustrations for digital printing processes.
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Classification	Printing > Digital Processes for Print
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Available grade	Achieved
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Guidance Information

- 1 Legislation, regulations and/or industry standards relevant to this unit standard include but are not limited to the:

- Copyright Act 1994;
- Health and Safety at Work Act 2015;
- Resource Management Act 1991.

Any new, amended or replacement Acts, regulations, standards, codes of practice, guidelines, or authority requirements or conditions affecting this unit standard will take precedence for assessment purposes, pending review of this unit standard.

- 2 Definitions

Job requirements refer to specific requirements for the print job at hand. These requirements may or may not be covered in the workplace job documentation and may include special instructions, quality requirements expected by the customer, and/or production standards as set down by the print workplace and/or organisation. *Workplace procedures* refer to organisation policies and procedures that are documented in memo, electronic, or manual format and available in the workplace. They may include but are not limited to – standard operating procedures, site specific procedures, site safety procedures, equipment operating procedures, quality assurance procedures, product quality specifications, manufacturer's requirements, references, approved codes of practice, housekeeping standards, environmental considerations, on-site briefings, supervisor's instructions, and procedures to comply with legislative and local body requirements relevant to the print sector.

- 3 Assessment information

Evidence presented for assessment against this unit standard must be consistent with safe working practices and be in accordance with applicable service information, workplace procedures and legislative requirements.

Outcomes and performance criteria

Outcome 1

Demonstrate knowledge of illustrative techniques and the use of software to reproduce the techniques in electronic files.

Performance criteria

1.1 Explain the advantages and disadvantages of different image formats.

Range raster images, vector images.

1.2 Identify primary, secondary and tertiary colours and describe their uses in illustrations.

1.3 Describe different colours in terms of the emotional responses they create.

1.4 Demonstrate techniques used in the composition of an image by pencil drawings and digital reproductions as vector images to meet digital imaging requirements.

Range includes but is not limited to – rule of thirds, framing, use of line, focal point, perspective and vanishing points, shading, light and shadow, line, human figure.

Outcome 2

Draw vector illustrations.

Range a minimum of ten illustrations showing a range of image types.

Performance criteria

2.1 Sketch concept pencil illustrations.

2.2 Use vector tools to produce the concept digitally to meet the job requirements.

2.3 Obtain approval and sign off for vector images.

2.4 Print vector images to meet the job requirements.

Outcome 3

Draw raster illustrations.

Range a minimum of ten illustrations showing a range of image types.

Performance criteria

- 3.1 Sketch concept pencil illustrations.
- 3.2 Use software tools to produce the concept digitally to meet the job requirements.
- 3.3 Obtain approval and sign off for raster images.
- 3.4 Print raster images to meet the job requirements.

Planned review date	31 December 2027
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	20 November 2009	31 December 2025
Review	2	30 March 2023	N/A

Consent and Moderation Requirements (CMR) reference	0013
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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 Hanga-Aro-Rau Manufacturing, Engineering and Logistics Workforce Development Council qualifications@hangaarorau.nz if you wish to suggest changes to the content of this unit standard.