

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 as vector images, and draw vector and raster illustrations to meet the job requirements.

Subfield Printing

Domain Digital Processes for Print

Status Registered

Status date 20 November 2009

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Planned review date 31 December 2014

Entry information Open.

Accreditation Evaluation of documentation and visit by NZQA and industry.

Standard setting body (SSB) Competenz

Accreditation and Moderation Action Plan (AMAP) reference 0005

This AMAP can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

Special notes

- 1 All workplace practices must meet any applicable and recognised codes of practice, and documented workplace health, safety, and environmental procedures for personal, product, and workplace health, safety, and environmental matters, and the obligations required under current law including the Health and Safety in Employment Act 1992, Copyright Act 2004, Resource Management Act 1991, and their subsequent amendments.

2 Definitions

job requirements refer to specific requirements for the 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 workplace and/or company; *workplace practices* refer to the documented procedures for the workplace or classroom situation. These will include procedures for the use of machinery and equipment, as well as product specifications and job instructions in order to meet job requirements.

- 3 A minimum of ten illustrations in total giving a range of image types must be provided as evidence for elements two and three of this unit standard.

Elements and performance criteria

Element 1

Demonstrate knowledge of illustrative techniques and the use of software to reproduce the techniques in electronic files to meet digital imaging requirements.

Performance criteria

- 1.1 Different image formats are explained in terms of their advantages and disadvantages.
- Range raster images, vector images.
- 1.2 Primary, secondary and tertiary colours are identified and their uses in illustrations are described.
- 1.3 Different colours are described in terms of the emotional responses they create.
- 1.4 Techniques used in the composition of an image are demonstrated by pencil drawings and digital reproductions as vector images.
- 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.

Element 2

Draw vector illustrations to meet the digital printing job requirements.

Performance criteria

- 2.1 Concept pencil illustrations are sketched.
- 2.2 Vector tools are used to produce the concept digitally.
- 2.3 Vector images are approved and signed off in accordance with workplace practices.

2.4 Vector images are printed.

Element 3

Draw raster illustrations to meet the digital printing job requirements.

Performance criteria

3.1 Concept pencil illustrations are sketched.

3.2 Software tools are used to produce the concept digitally.

3.3 Raster images are approved and signed off in accordance with workplace practices.

3.4 Raster images are printed.

Please note

Providers must be accredited by NZQA, or an inter-institutional body with delegated authority for quality assurance, before they can report credits from assessment against unit standards or deliver courses of study leading to that assessment.

Industry Training Organisations must be accredited by NZQA before they can register credits from assessment against unit standards.

Accredited providers and Industry Training Organisations assessing against unit standards must engage with the moderation system that applies to those standards.

Accreditation requirements and an outline of the moderation system that applies to this standard are outlined in the Accreditation and Moderation Action Plan (AMAP). The AMAP 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 Competenz_info@competenz.org.nz if you wish to suggest changes to the content of this unit standard.