

Title	Produce schematic diagrams using a computer application		
Level	2	Credits	2

Purpose	People credited with this unit standard are able to plan and produce schematic diagrams using a computer application from a given brief.
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Classification	Computing > Generic Computing
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Available grade	Achieved
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Explanatory notes

- 1 The schematic diagram must contain at least 10 objects with connections between them.
- 2 Range
At least two diagrams of different types must be produced.
Examples of types of diagrams include – flow chart, organisation chart, mind map, electrical circuit.
- 3 A *brief* is defined as a clear description of both the desirable outcomes sought and the constraints to be met by the solution. It contains requirements against which the success or otherwise of the schematic diagrams can be evaluated. The brief can be supplied either as part of the candidate's employment (in the case of workplace assessment) or in response to a set task.
- 4 A *plan* outlines how the requirements of the brief will be realised. For this unit standard, the plan may be informal, and it may be more appropriate to produce evidence of it during task completion rather than prior to starting the task or project. Evidence of planning may be oral, written, and/or graphic.
- 5 An assessment resource to support computing unit standards (levels 1 to 4) can be found on the NZQA website at www.nzqa.govt.nz/asm.
A specific clarification for the requirements of assessing against unit standard 5957; and '*The Computing Process - a clarification document*' can be found on the NZQA website.

Outcomes and evidence requirements

Outcome 1

Plan schematic diagrams from a given brief.

Evidence requirements

- 1.1 The plan identifies the purpose and target audience for the schematic diagram.
- 1.2 The plan identifies the computer application required to produce the schematic diagram.

Outcome 2

Produce schematic diagrams from a given brief using a computer application.

Evidence requirements

- 2.1 The symbols used in each diagram are consistent with the type of diagram and the specifications of the brief.
- 2.2 The final diagram is readable, clearly illustrates the object being diagrammed, and is consistent with the specifications of the brief.

Planned review date	31 December 2016
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	20 December 1995	31 December 2013
Revision	2	28 July 1998	31 December 2013
Review	3	30 November 2000	31 December 2013
Revision	4	5 July 2002	31 December 2013
Revision	5	16 July 2004	31 December 2013
Review	6	22 May 2009	31 December 2013
Revision	7	18 February 2011	31 December 2015
Rollover and Revision	8	19 September 2013	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.