National Diploma in Computing (Level 6) with optional strands in Management, Operations, Support, Generic Computing, and Software Development

Level 6

Credits 240

This qualification is **expiring**. The last date to meet the requirements is 31 December 2011.

Purpose

This qualification recognises readiness for further study in computing and related fields at higher diploma or national degree level, as well as for employment in the computer industry.

It provides a second qualification for people who are pursuing a career in the computer industry, or related fields.

People with this qualification have a general level of understanding about computer industry concepts and/or are able to work in areas of computing with medium technical complexity, for example administration of systems, or installation and repair of multi-user systems, or trainee programming.

The qualification has a flexible structure to allow for changing requirements in the computer industry, and to allow providers to create learning programmes with a predominantly computing component but tailored to meet the local or national needs of a wide range of industries.

The qualification is designed to allow the credit achieved in the National Diploma in Computing (Level 5) to be used to meet the requirements of this qualification.

Optional specialist strands are available in computer management, computer operations, computer support, generic computing, and software development. This allows people to indicate to employers an area, or areas, of specialisation on their qualification if they wish to do so.

Credit Range

Level 5 or above credits	100-180
Level 6 credits	60-140
Total	240

Requirements for Award of Qualification

Award of NQF Qualifications

Credit gained for a standard may be used only once to meet the requirements of this qualification.

Unit standards and achievement standards that are equivalent in outcome are mutually exclusive for the purpose of award. The table of mutually exclusive standards is provided in section 7 of the New Zealand Qualifications Authority (NZQA) *Rules and Procedures* publications available at http://www.nzqa.govt.nz/ncea/acrp/index.html.

Reviewed standards that continue to recognise the same overall outcome are registered as new versions and retain their identification number (ID). Any version of a standard with the same ID may be used to meet qualification requirements that list the ID and/or that specify the past or current classification of the standard.

Summary of Requirements

- A minimum of 240 credits at Level 5 or above
- Elective 1 – A minimum of 160 credits as specified
- Elective 2 – A minimum of 80 credits as specified

The following strands are optional
- Management Optional Strand
- Operations Optional Strand
- Support Optional Strand
- Generic Computing Optional Strand
- Software Development Optional Strand

Detailed Requirements

Elective 1
A minimum of 160 credits at Level 5 or above
- Of which a minimum of 60 credits at Level 6

Field	Subfield	Domain
Computing and Information Technology	Computing	Any

Elective 2
A minimum of 80 credits at Level 5 or above
- Of which a minimum of 20 credits at Level 6
From anywhere on the NQF

Management Optional Strand
A minimum of 72 credits at Level 5 or above

Field	Subfield	Domain
Computing and Information Technology	Computing	Computer Management

Operations Optional Strand
A minimum of 72 credits at Level 5 or above

Field	Subfield	Domain
Computing and Information Technology	Computing	Computer Operations

Support Optional Strand
A minimum of 72 credits at Level 5 or above

Field	Subfield	Domain
Computing and Information Technology	Computing	Computer Support

Generic Computing Optional Strand
A minimum of 72 credits at Level 5 or above

Field	Subfield	Domain
Computing and Information Technology	Computing	Generic Computing

Software Development Optional Strand
A minimum of 72 credits at Level 5 or above

Field	Subfield	Domain
Computing and Information Technology	Computing	Software Development - Design
		Software Development - Multimedia
		Software Development - Programming
		Software Development - System Assurance and Documentation

Transition Arrangements

Version 2

Version 2 was issued to indicate that the qualification was expiring.

For detailed information see Review Summaries on the NZQA website.

NQF Registration Information

Process	Version	Date	Last Date for Assessment
Registration	1	March 1997	December 2011
Review	2	October 2008	December 2011

Standard Setting Body

NZQA National Qualifications Services
PO Box 160
WELLINGTON

Telephone   04 463 3000
Email   nqs@nzqa.govt.nz

Certification

This certificate will display the logos of NZQA and the accredited organisation.

Classification

This qualification is classified according to the NQF classification system and the
New Zealand Standard Classification of Education (NZSCED) system as specified below.

NQF Classification		NZSCED	
Code	**Description**	**Code**	**Description**
278	Computing and Information Technology > Computing	020113	Information Technology > Computer Science > Networks and Communications

Quality Management Systems

Providers and Industry Training Organisations must be accredited by a recognised Quality Assurance Body before they can register credits from assessment against standards. Accredited providers and Industry Training Organisations assessing against standards must engage with the moderation system that applies to those standards. Accreditation requirements and the moderation system are outlined in the associated Accreditation and Moderation Action Plan (AMAP) for each standard.