
Computing (Level 5) with optional strands in Management, Operations, Support, Generic Computing, and Software Development

level of qualification: 5

credit total: 120
minimum 80 at level 5
the remainder at level 5 or above

registration date: 25 March 1997

planned review date: 31 March 2000

field, sub-field and domains:

COMPUTING AND INFORMATION TECHNOLOGY

Computing

- computer management
- computer operations
- computer support
- generic computing
- software development - design
- software development - multimedia
- software development - programming
- software development - systems assurance and documentation

Any other field, sub-field or domain

standard-setting body responsible for the qualification:

Computing and Information Technology Advisory Group

other standard-setting bodies whose unit standards are included in the qualification:

Any other national standard-setting body

Computing (Level 5) with optional strands in Management, Operations, Support, Generic Computing, and Software Development**1 purpose**

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

It provides a first qualification for people who are pursuing a career in the computer industry, or related fields. People with this qualification have an introductory level of understanding about computer industry concepts and/or are able to work in areas of computing with the least technical complexity, for example user support or personal computer repair.

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.

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.

2 regulations for the qualification**2.1 entry information for programmes of education and training assessed against the unit standards in the qualification**

Open.

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2.2 qualification requirements

This qualification is awarded to people who have achieved 120 credits at level 5 or above of which:

- a minimum of 50 credits are from the Computing sub-field at level 5
- a further minimum 30 credits are from the Computing sub-field at level 5 or above

included in these 80 credits are optional specialist strands where a minimum 36 of the 80 credits are from one of the following domains:

domain	strand
Computer Management	Management
Computer Operations	Operations
Computer Support	Support
Generic Computing	Generic Computing
any of: Software Development - Design Software Development - Multimedia Software Development - Programming Software Development - Systems Assurance and Documentation	Software Development

and

a minimum 40 credits at level 5 or above from any NQF field (including the Computing sub-field) where:

- a minimum 30 credits are at level 5
- a further minimum 10 credits are at level 5 or above.

3 accreditation options

Accreditation requirements will depend on the unit standards being offered within a programme and the requirements of the standard-setting bodies for those unit standards.

For the computing unit standards the accreditation option (level 5 and above) is:

Evaluation of documentation and visit by NZQA, a nominee of the Computing and Information Technology Advisory Group and a teaching professional in the same field from another provider.

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The qualification will not include the name or logo of the standard setting body, or the provider organisation.

5 transition arrangements

The elective nature of this new qualification means there is no direct match with any existing qualifications. No national transition arrangements apply.

Comments to:

Computing and Information Technology Advisory Group
Qualification Revision
PO Box 160
WELLINGTON

by 31 March 2000.

Please Note:

Providers must be accredited by the Qualifications Authority before they can offer programmes of education and training assessed against unit standards. The Qualifications Authority has published a booklet, *Guidelines and Criteria for Accreditation to offer National Certificates and National Diplomas*, which is available for \$15 from the Sales Officer, New Zealand Qualifications Authority, PO Box 160, Wellington.

Telephone: 04 802-3000; Fax: 04 802-3402.