

**Field      Computing and Information Technology****Extension to expiry date of *Computing* unit standards**

<b>Subfield</b>	<b>Domain</b>	<b>ID</b>
Computing	Computer Management	6706, 6708, 6713, 6720, 6726
	Computer Operations	6724, 6725, 6729-6734, 6738-6742
	Computer Support	6839-6846, 6850, 6857-6863, 6875-6878, 6881-6883, 6887
	Generic Computing	6752, 6757-6759
	Software Development - Design	6797, 6800, 6801, 6803, 6805, 6808, 6810, 6812, 6813, 6815, 6818, 7911
	Software Development - Multimedia	6784, 6786, 6787-6792, 6796
	Software Development - Programming	6765, 6769-6774, 6776, 6778
	Software Development - System Assurance and Documentation	6822-6826, 6828, 6832

NZQA National Qualifications Services has extended the expiry date of the unit standards listed above.

**New expiry date** **December 2015**

**Date new versions published** **July 2011**

**Summary**

These unit standards were reviewed as Category D in October 2008 and designated to expire in December 2011.

In April 2011 National Qualifications Services submitted a paper, which showed current usage, to the NZQA Board seeking approval to extend the expiry date for Level 6 and 7 unit standards in subfield Computing. This was considered and approved at the May 2011 Board meeting. Following consultation with affected providers, seven Level 5 unit standards were also included in this extension.

The purpose of the extension is to ensure the National Diploma in Computing (Level 5) with optional strands in Management, Operations, Support, Generic Computing, and Software Development [Ref: 0302] remains achievable during the transition to New Zealand Qualifications through the mandatory review process scheduled to begin in 2013. This extension also minimises impact and cost on providers during this transition.

**Main changes**

- The expiry date for these standards is extended from 31 December 2011 to 31 December 2015.

## Impact on existing consent to assess

No new or extension of consent to assess will be granted during the extended expiry.

## Summary of main changes

The following tables show the old and revised expiry dates.

### Computing and Information Technology > Computing > Computer Management

ID	Title	Level	Credit	Previous expiry date	New expiry date
6706	Demonstrate an understanding of the acquisition of computer systems	6	8	31/12/2011	31/12/2015
6708	Produce an information technology plan	7	30	31/12/2011	31/12/2015
6713	Explain the management of the information systems function in an organisation	6	7	31/12/2011	31/12/2015
6720	Produce findings from auditing a computer information system	6	20	31/12/2011	31/12/2015
6726	Demonstrate an understanding of change management for computer systems	6	3	31/12/2011	31/12/2015

### Computing and Information Technology > Computing > Computer Operations

ID	Title	Level	Credit	Previous expiry date	New expiry date
6724	Demonstrate an understanding of computer database management systems	5	7	31/12/2011	31/12/2015
6725	Demonstrate an understanding of computer database design	6	7	31/12/2011	31/12/2015
6729	Operate a multi-user computer system	5	10	31/12/2011	31/12/2015
6730	Administer a multi-user computer database system	6	20	31/12/2011	31/12/2015
6731	Control changes to a multi-user computer system	6	10	31/12/2011	31/12/2015
6732	Administer security systems for a multi-user computer system	6	15	31/12/2011	31/12/2015
6733	Administer a multi-platform computer network	6	15	31/12/2011	31/12/2015
6734	Create procedures for a multi-user computer system	7	15	31/12/2011	31/12/2015
6738	Design and implement security systems for a multi-user computer system	7	15	31/12/2011	31/12/2015
6739	Demonstrate an understanding of computer network communication	6	9	31/12/2011	31/12/2015
6740	Apply the principles of administering a local area computer network	7	14	31/12/2011	31/12/2015
6741	Administer a local area computer network	6	15	31/12/2011	31/12/2015

ID	Title	Level	Credit	Previous expiry date	New expiry date
6742	Administer a wide area computer network	6	15	31/12/2011	31/12/2015

## Computing and Information Technology &gt; Computing &gt; Computer Support

ID	Title	Level	Credit	Previous expiry date	New expiry date
6839	Explain the concepts of multi-user computer operating systems	6	7	31/12/2011	31/12/2015
6840	Apply the principles of installing and supporting a multi-user computer operating system	7	10	31/12/2011	31/12/2015
6841	Assemble a multi-user computer and peripherals from modules	6	10	31/12/2011	31/12/2015
6842	Install a multi-user computer and peripherals	6	10	31/12/2011	31/12/2015
6843	Install and maintain multi-user computer system software	6	10	31/12/2011	31/12/2015
6844	Install multi-user computer application software	6	10	31/12/2011	31/12/2015
6845	Repair a multi-user computer to module level	6	15	31/12/2011	31/12/2015
6846	Repair multi-user computer peripherals to module level	6	15	31/12/2011	31/12/2015
6850	Assess and provide technical advice on system software for a multi-user computer	7	20	31/12/2011	31/12/2015
6857	Demonstrate an understanding of local and wide area computer networks	7	10	31/12/2011	31/12/2015
6858	Apply the principles of installing a local area computer network	7	9	31/12/2011	31/12/2015
6859	Apply the principles of designing a multi-platform computer system	7	10	31/12/2011	31/12/2015
6860	Install a local area computer network	6	10	31/12/2011	31/12/2015
6861	Install a wide area computer network	6	10	31/12/2011	31/12/2015
6862	Install networked computer application software	6	5	31/12/2011	31/12/2015
6863	Design a local area computer network	7	20	31/12/2011	31/12/2015
6875	Repair data communications equipment to module level	5	10	31/12/2011	31/12/2015
6876	Assess and provide technical advice on hardware for a single-user personal computer and peripherals	6	15	31/12/2011	31/12/2015
6877	Assess and provide technical advice on software for a single-user personal computer	6	15	31/12/2011	31/12/2015
6878	Install computer cabling for a multi-user computer system	6	10	31/12/2011	31/12/2015

ID	Title	Level	Credit	Previous expiry date	New expiry date
6881	Assist a person to learn to use a computer application	5	15	31/12/2011	31/12/2015
6882	Resolve computer users' problems	5	5	31/12/2011	31/12/2015
6883	Identify computer problem trends	5	5	31/12/2011	31/12/2015
6887	Resolve technical computer problems	6	5	31/12/2011	31/12/2015

## Computing and Information Technology &gt; Computing &gt; Generic Computing

ID	Title	Level	Credit	Previous expiry date	New expiry date
6752	Demonstrate an understanding of emerging computerised business information systems	6	7	31/12/2011	31/12/2015
6757	Apply the principles of producing a business proposal for a computer system	6	7	31/12/2011	31/12/2015
6758	Apply the principles of designing safeguards for computer information systems	6	7	31/12/2011	31/12/2015
6759	Demonstrate an understanding of the implementation of a new computer system	6	7	31/12/2011	31/12/2015

## Computing and Information Technology &gt; Computing &gt; Software Development - Design

ID	Title	Level	Credit	Previous expiry date	New expiry date
6797	Plan and coordinate the development of a computer application	7	15	31/12/2011	31/12/2015
6800	Apply the principles of data analysis for computer systems	6	7	31/12/2011	31/12/2015
6801	Apply the principles of systems analysis using a structured methodology	6	7	31/12/2011	31/12/2015
6803	Analyse an information system using structured systems analysis techniques	7	15	31/12/2011	31/12/2015
6805	Analyse an information system using object-oriented analysis techniques	7	15	31/12/2011	31/12/2015
6808	Demonstrate computer application design skills	6	7	31/12/2011	31/12/2015
6810	Apply the principles of designing and implementing a computer application	7	7	31/12/2011	31/12/2015
6812	Design a graphical user interface for a computer application	7	20	31/12/2011	31/12/2015
6813	Design a computer application for a local area network environment	7	15	31/12/2011	31/12/2015
6815	Design a computer application for programming with an OOP language in a GUI environment	7	15	31/12/2011	31/12/2015

ID	Title	Level	Credit	Previous expiry date	New expiry date
6818	Design a computer application for a single-user personal computer for programming with a 4GL	7	15	31/12/2011	31/12/2015
7911	Apply information gathering techniques for computer system development	6	7	31/12/2011	31/12/2015

Computing and Information Technology > Computing > Software Development -  
Multimedia

ID	Title	Level	Credit	Previous expiry date	New expiry date
6784	Create digitised text for a multimedia computer application	6	10	31/12/2011	31/12/2015
6786	Plan and coordinate the development of a multimedia computer application	7	15	31/12/2011	31/12/2015
6787	Design a multimedia computer application	7	20	31/12/2011	31/12/2015
6788	Create animation for a multimedia computer application	7	20	31/12/2011	31/12/2015
6789	Create graphic elements for a multimedia computer application	7	20	31/12/2011	31/12/2015
6790	Create digitised video for a multimedia computer application	7	10	31/12/2011	31/12/2015
6791	Create digitised sound for a multimedia computer application	7	10	31/12/2011	31/12/2015
6792	Create digitised still images for a multimedia computer application	7	10	31/12/2011	31/12/2015
6796	Test a multimedia computer application	7	10	31/12/2011	31/12/2015

Computing and Information Technology > Computing > Software Development -  
Programming

ID	Title	Level	Credit	Previous expiry date	New expiry date
6765	Apply the principles of creating computer programs containing advanced algorithms using a 3GL	6	14	31/12/2011	31/12/2015
6769	Demonstrate fourth generation language computer programming skills	6	7	31/12/2011	31/12/2015
6770	Apply the principles of creating a computer application using a fourth generation language	7	7	31/12/2011	31/12/2015
6771	Create database access for a computer application using structured query language	6	10	31/12/2011	31/12/2015
6772	Create an application for a single-user personal computer using a fourth generation language	7	20	31/12/2011	31/12/2015

ID	Title	Level	Credit	Previous expiry date	New expiry date
6773	Create an application for a multi-user computer using a fourth generation language	7	20	31/12/2011	31/12/2015
6774	Apply the principles of creating a computer program using a 3GL in a GUI environment	6	14	31/12/2011	31/12/2015
6776	Demonstrate computer programming skills using an object-oriented language	6	14	31/12/2011	31/12/2015
6778	Create a computer application using an object-oriented programming language in a GUI environment	7	30	31/12/2011	31/12/2015

Computing and Information Technology > Computing > Software Development - System Assurance and Documentation

ID	Title	Level	Credit	Previous expiry date	New expiry date
6822	Apply the principles of quality assurance for software development	6	7	31/12/2011	31/12/2015
6823	Apply the principles of reviewing an implemented computer application	6	5	31/12/2011	31/12/2015
6824	Apply the principles of designing and conducting tests for a computer application	7	7	31/12/2011	31/12/2015
6825	Test a computer application	5	5	31/12/2011	31/12/2015
6826	Review the development of a computer application	6	10	31/12/2011	31/12/2015
6828	Design a testing plan for a computer application	7	10	31/12/2011	31/12/2015
6832	Design documentation for a computer application	7	20	31/12/2011	31/12/2015