

National Diploma in Computing Level 5 (41 Week Programme)

	Unit Standard	Credits
12th Oct 2009 - 23rd Dec 2009 (Teaching may finish by 16th Dec 2009 by agreement with tutors)		
MODULE: Software Engineering		
Explain how data is stored on computers	7910	7
Demonstrate an understanding of computer database management systems	6724	7
Demonstrate an understanding of the principles of computer programming	6761	7
Demonstrate an understanding of computer software development	6750	4
SUMMER BREAK 24th Dec 2009 - 14th Feb 2010		
MODULE: Software Programming 15th Feb 2010 - 28th April 2010		
Apply the principles of creating a computer program using a 3GL in a GUI environment	6774	14
Demonstrate computer programming skills using an object-oriented language	6776	14
Demonstrate computer programming skills using a third generation language	6763	14
Manage software development source files	6762	5

MODULE: Hardware & Networking 3rd May 2010 - 7th July 2010		
Demonstrate an understanding of hardware components for personal computers	6869	7
Assemble personal computers and peripherals from modules	6870	7
Explain local area computer networks and install network workstations	6854	5
Operate a multi-user computer system	6729	10

WINTER BREAK 12th July 2010 - 23rd July 2010

MODULE: Business in IT, Course Project & Accent Reduction 26th July 2010 - 29th Sep 2010		
Explain the principles of business and the role of information technology	6747	4
Explain ethics and professionalism for the computer industry in New Zealand	6748	7
Produce establishment plans for a small business	1991	5
Create database access for a computer application using structured query language	6771	10

COURSE COMPLETION October 2010

Please note that this is a tentative schedule. It may change due to operational demands.