

**National Diploma in Computing Level 5 (41 Week Programme)**

	Unit Standard	Credits
<b>12th Oct 2009 - 23rd Dec 2009</b> (Teaching may finish by 16th Dec 2009 by agreement with tutors)		
<b>MODULE: Software Engineering</b>		
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
<b>SUMMER BREAK</b> 24th Dec 2009 - 14th Feb 2010		
<b>MODULE: Software Programming</b> 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

<b>MODULE: Hardware &amp; Networking</b>		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

<b>MODULE: Business in IT, Course Project &amp; Accent Reduction</b>		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.