

Field Engineering and Technology**Review of *Electronics Technology* unit standards**

Subfield	Domain	ID
Electronic Engineering	Electronics Technology	9221, 26119-26123

The ElectroTechnology Industry Training Organisation (ETITO) has completed the review of the unit standards listed above.

Date new versions published

April 2011

Planned review date

December 2012

Summary

The 2009 industry consultation group, established for the review of the electronics technology unit standards contained in the National Certificate in Electronics Technology (Level 3) [Ref: 1005], regrouped in 2010 to add excellence grades to the unit standards. The group included representatives from University of Canterbury, CPIT, Orion Group, Eaton Power Quality Systems, Enatel Ltd, Electroflash Resourcing Ltd, Riccarton High School, and ETITO.

The grades were added because a need emerged to ensure a smooth transition to a wide range of tertiary programmes ranging from apprenticeships to engineering degrees. This was achieved by the inclusion of grades in the standards to enable the reporting of appropriate outcomes to both the students and to the institutions to which they transition.

Drafts of the reviewed unit standards were circulated to a wider industry group which also included accredited training providers and schools, for comment. The wider group included representatives from Synapsys Ltd, Riccarton High School, Electroflash Resourcing Ltd, Shirley Boys High School, Papanui High School, Christchurch Boys High School, Canterbury ICT Cluster, Hamilton Boys High School, and ETITO. The feedback was considered by the consultation group and represented in the reviewed unit standards, which were endorsed by the consultation group and industry before submission to NZQA for registration.

The review of these unit standards ensures that they meet industry requirements, are fit for purpose, and enable consistent assessment and moderation.

Main changes

An Excellence grade was included in all the unit standards.

Detailed list of unit standards – classification, title, level, and credits

All changes are in **bold**.

Key to review category	
A	Dates changed, but no other changes are made - the new version of the standard carries the same ID and a new version number
B	Changes made, but the overall outcome remains the same - the new version of the standard carries the same ID and a new version number
C	Major changes that necessitate the registration of a replacement standard with a new ID
D	Standard will expire and not be replaced

Engineering and Technology > Electronic Engineering > Electronics Technology

ID	Title	Level	Credit	Review Category
9221	Demonstrate knowledge of the development of an electronic product	3	3	B
26119	Construct, and report on the performance of, a simple electronic programmable circuit	3	4	B
26120	Describe and construct circuits to demonstrate the operation and properties of electronic devices	3	3	B
26121	Plan, construct, modify, and report on an electronic prototype	3	6	B
26122	Demonstrate knowledge of and build circuits using digital electronic devices that interface with ADC and DAC functions	3	3	B
26123	Demonstrate knowledge of the practical applications of logic circuits	3	3	B