



ARE YOU ELIGIBLE FOR ETITO'S ELECTROTECHNOLOGY 101 FOUNDATION CERTIFICATE?

ETITO's Electrotechnology 101 foundation certificate is a valuable qualification that can be added to your CV if you're applying for an apprenticeship in the electrical, electronics or telecommunications fields. It will tell your potential employer [or tertiary provider] that you have the right combination of skills and attitude to cope with the off-job [theory] component of your studies.

Use the 'checklist' below to identify unit or achievement standards that you have gained and are listed on your Record of Learning from NZQA. Place a tick alongside the standard numbers and add up the credits. If you have the required number of credits in each category, then you are eligible to fill out the application form for your Electrotechnology 101 foundation certificate.

Category 1 - Achievement standards:

- Minimum of 12 credits from **each** of Maths, Science and English, [i.e. a total of **36 credits**] at NCEA Level 1 or above [Standards must be taken from the list below].

Note - recognition of equivalent educational achievement other than that stated may sometimes be appropriate. Application for this consideration must be made to the ETITO.

Category 2 - Gateway on-job standards:

Minimum of **10 credits** from the units in the ETITO Gateway Workplace Logbook i.e. unit standards 1178, 16407, 5907, 1277, 5922.

Category 3 - Elective credits:

Minimum of **10 credits** from **any** unit standards or achievement standards in the Sub-fields of Electrical Engineering and/or Electronic Engineering. This includes NCET core standards [18239, 18240, 18241, 18242, 18243, 9221, 19743, 19744, 19745, 19746, 19747] and Gateway theory elective standards [15843*, 15845, 15847, 15849, 15851]. Also eligible are First Aid standards 6400, 6401 and 6402 [6401 and 6402 are also Gateway theory elective standards] and any achievement or unit standard from the school's technology curriculum.

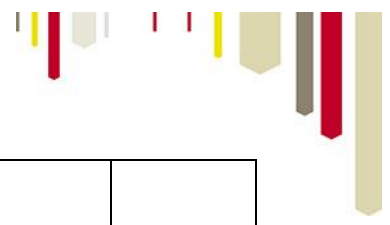
* note: 15843 has now been split into three separate unit standards- 25070, 25071, 25072.



Category 1- Achievement standards:

Mathematics				
		Credit Value	Tick if Achieved	Credits Achieved
AS90147	Use straightforward algebraic methods and solve equations	4		
AS90148	Sketch and interpret linear or quadratic graphs	4		
AS90149	Solve problems involving measurement of everyday objects	3		
AS90150	Use geometric techniques to produce a pattern or object	2		
AS90151	Solve straightforward number problems in context	3		
AS90152	Solve right-angled triangle problems	2		
Subtotal [minimum of 12 credits required]				

Science and/or physics				
		Credit Value	Tick if Achieved	Credits Achieved
AS90186	Carry out a practical science investigation with direction	4		
AS90187	Research, with direction, how science and technology are related	2		
AS90189	Describe properties and reactions of groups of related substances	5		
AS90191	Demonstrate an understanding of physical systems	5		
AS90180	Carry out a practical physics investigation with direction	4		
AS90181	Research, with direction, how physics and technology are related	2		
AS90183	Demonstrate understanding of motion in one dimension	5		



AS90185	Demonstrate understanding of electricity and magnetism	5		
		Subtotal [minimum of 12 credits required]		

English				
	*Note additional strands are to be considered for this list.	Credit Value	Tick if Achieved	Credits Achieved
AS90053	Produce formal writing	3		
AS90054	Read, study and show understanding of extended written text[s]	2		
AS90055	Read, study and show an understanding of a number of short written texts	2		
AS90056	View/listen to, study and show understanding of a visual or oral text	2		
AS90057	Read and show understanding of unfamiliar texts	3		
AS90060	Research, organize and present information	3		
		Subtotal [minimum of 12 credits required]		
		Total [minimum of 36 credits required]		



Category 2 – Gateway workplace unit standards:

Gateway workplace				
		Credit value	Tick if achieved	Credits Achieved
1178 vs 5	Follow safe practices in an electrical workplace	3		
16407	Use and maintain hand and power tools for electrical work	4		
5907	Work safely with electrical equipment	1		
1277	Communicate information in a specified workplace	3		
5922	Use cutting tools and machines in performance of electrical installation and maintenance	2		
Subtotal [minimum of 10 credits required]				

Category 3 – Elective credits

Elective credits				
List your selected standards in this category		Credit value	Tick if achieved	Credits Achieved
Subtotal [minimum of 10 credits required]				