

## Current Core K&S Modules and their Previous Equivalence for Certificate III in Electrotechnology Systems Electrician

Support material

Version 02-02-03 – Approved by NETAG

The following is important information for RTOs delivering training for the Certificate III in Electrotechnology Systems Electrician qualification. RTOs should ensure the appropriate and current **core**, off-the-job training program, is now being delivered to apprentices/learners who undertake the qualification. Staff should be advised of the need to translate apprentices/learners to the revised and new program to assure the training outcomes meet \*ERAC electrical licensing requirements.

Replacement core K&S Modules		Previous (equivalent) core K&S Modules	
Nat. Code	Title	Nat. Code	Title
NBB002.1	Occupational Health & Safety (Revised)	NBB002.1	Occupational Health & Safety (Revised)
NE163.1	Electrical Heating	NE163.1	Electrical Heating
NE164.1	Lighting	NE164.1	Lighting
NE172.1	Electrical Wiring & Equipment 1 (Revised)	NE172.1	Electrical Wiring & Equipment 1 (Revised)
NE173.1	Electrical Wiring & Equipment 2 (Revised)	NE173.1	Electrical Wiring & Equipment 2 (Revised)
NUE044	Electrical Safe Working Practice		
NUE045	Applied Electromagnetism	NUE055	Applied Electricity 3
		NE167	DC Machines
NUE046	Alternating Current Machines	NE12	Synchronous Motors
		NE165	Three Phase Induction Motors
		NE166	Single Phase Motors
NUE048	Single & Three Phase Transformer	NE052	Transformers
		NE43	Distribution Transformers
NUE049	Applied Electricity - d.c.	NUE052	Applied Electricity 1
		NUE054	Applied Electricity 2
	<b>or</b>		
NUE052	Applied Electricity 1	NUE052	Applied Electricity 1
	<b>and</b>		
NUE054	Applied Electricity 2	NUE054	Applied Electricity 2
NUE056	Applied Electricity 4	NUE056	Applied Electricity 4
	<b>and</b>		
NUE057	Applied Electricity 5	NUE057	Applied Electricity 5
	<b>or</b>		
NUE059	Applied Electricity - a.c.	NUE056	Applied Electricity 4
		NUE057	Applied Electricity 5
NUE062	Drawing & Diagram for Electrical Work	NE031	Elect Drawing Interp & Conn
		NUE210	Drawing Interpretation and Sketching

\*ERAC – *Electrical Regulatory Authorities Council.*

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Nat. Code	Title	Nat. Code	Title
NUE063	Elect Wiring & Equipment 4		
<b>or</b>			
NE032	Circuit development 1	NE032	Circuit development 1
NUE064	Electronic Power & Control	NE04	Power supply principles
		NE176	Basic PLCs
NUE400	Electrical Installation - Protection Methods & Devices		
NUE401	Electrical Installation-Design & Equipment Selection 1	NE169	Electrical installation requirements 1
	<b>and</b>	NE170	Electrical installation requirements 2
NUE402	Electrical Installation-Design & Equipment Selection 2		
<b>or</b>			
NUE403	Electrical Installation-Design & Equipment Selection		
NUE407	Electrical Wiring Systems	NE174	Electrical Wiring & Equipment 3
NUE408	Elect. Installation Testing & Verifiication	NE171	Elect Install Safety Testing
NUE505A	Electrical Systems Safety		
NUE505B	Electrical Systems Safety		

It should be remembered that in addition to the core Knowledge and Skills (K&S) Modules that apply to the Certificate III in Electrotechnology Systems Electrician qualification there are electives K&S Modules that apply. For information regarding the respective modules that apply, reference should be made to the National Electrotechnology Training Package Module Map, available from the EE-Oz Training Standards website - [www.ee-oz.com.au/index.cfm?pageId=2,107,6](http://www.ee-oz.com.au/index.cfm?pageId=2,107,6).

**Note:** It also should be recalled that the above K&S Module information does not represent the full training program for the Certificate III in Electrotechnology Systems Electrician qualification. Work Performance Modules (WPMs) that align to each unit of competency also apply and must be achieved by apprentices/learners as well as the K&S Modules during the course of their development.

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