

Electrotechnology Qualifications
Certificate III - Electrotechnology Scanning(UTE 3 10 99)

Modules			Core							Specialisation				
			NES009	NES105g	NES105I	NES106c	NES206c	NES301c	NES402c	NES501c	Radar			Sonar
General	NES102C	NES209^									General	NES209^		
Nat. Code	Title	Dur												
NBB002.1	Occupational Health and Safety	C 0.5		0.5	0.5	0.5	0.5	0.5	0.5	0.5				
NE175.1	Workshop Practice	C 1		1	1	1	1	1	1	1				
NUE049 or NUE052 & NUE054	Applied Electricity - d.c. circuits or Applied Electricity 1 and Applied Electricity 2	N 2			1	2	2	2	2	2				
NUE056	Applied Electricity 4	C 1				1	1	1	1	1				
NE172.2	Electrical Wiring and Equipment 1	R 0.5		0.5	0.5	0.5	0.5	0.5	0.5	0.5				
NE179	Digital Electronics 1	C 1				1	1	1	1	1				
NE180	Digital Electronics 2	C 1				1	1	1	1	1				
NE018	Microprocessor Fundamentals	C 1.5					1.5	1.5	1.5	1.5				
NUE113	Linear and Switched Mode Power Supplies	N 1					1	1	1	1				
NE178	DC Power Supplies	C 1					1	1	1	1				
NE184	Electronic Hand Soldering Technology	C 1			1	1	1	1	1	1				
NE182	Amplifiers 1	C 1					1	1	1	1				
NE183	Amplifiers 2	C 1					1	1	1	1				
NUE506	Electronic Systems Safety	N 0.5		0.5	0.5	0.5	0.5	0.5	0.5	0.5				
NUE703	Digital Sub-Systems	N 0.5				0.5	0.5	0.5	0.5	0.5				
NUE158	Intro to Resonance, Filters and Oscillators	N 1				1	1	1	1	1				
NE039	Communications Fundamentals	C 1				1	1	1	1	1				
NE008	Amplifier Applications	C 1				1	1	1	1	1				
NUE154	Electronics Fault Finding	N 0.5		0.5	0.5	0.5	0.5	0.5	0.5	0.5				

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										Radar			Sonar		
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NE119	Transmission Lines and Antennae	C 1									1	1	1		
NUE177	Introduction to Radar	N 1									1	1	1		
NUE701	Advanced Oscillators	N 0.5									0.5	0.5	0.5	0.5	0.5
NUE156	Frequency Selective Amplifiers	N 0.5									0.5	0.5	0.5	0.5	0.5
NUE170	Microwave Devices and Components	N 1									1	1	1		
NUE178	Principle of Underwater Sound Transmission	N 1												1	1
NUE176	Radar Systems and Display Devices	N 2									2	2	2		
NUE173	Sonar Displays	N 1												1	1
NUE172	Sonar Systems Operational Principles	N 1												1	1
NUE171	Sonar Transducers and Arrays	N 1												1	1
NUE174	Sonar Applications	N 1												1	1
NEWP009	Participate in the Training of Others WP	N ~	WP												
NEWP102C	Install Electrical/Electronic Apparatus(<i>Electronics</i>) WP	N ~										WP			
NEWP105G	Install & Terminate Wiring System: (<i>Cabling/Wiring Support & Protection</i>) WP	N ~		WP											
NEWP105I	Install & Terminate Wiring Systems(<i>Power & Control – Extra Low Voltage</i>) WP	N ~			WP										
NEWP106C	Install Electrical/Electronic Apparatus(<i>Electronics</i>) WP	N ~				WP									
NEWP206C	Maintain & Repair Apparatus & Circuits (<i>Electronics</i>) WP	N ~					WP								
NEWP209^	Attach Flexible Cords & Plugs to Electrical Equipment Connected to a Single Phase 250 Volt Supply WP	N ~											WP		WP
NEWP301C	Undertake Commissioning of Apparatus & Circuits(<i>Electronics</i>) WP	N ~						WP							
NEWP402C	Test Apparatus & Circuits (<i>Electronics</i>) WP	N ~							WP						
NEWP501C	Diagnose & Rectify Faults in Apparatus & Circuits(<i>Electronics</i>) WP	N ~								WP					

Please see page titled "Notes to Matricies"