

## Electrotechnology Qualifications

*Certificate IV - Electrotechnology Refrigeration and Air Conditioning (UTE 4 11 99)*

Modules				Core Units					Specialisation		
									Control Systems	HVAC Systems	Refrigeration Systems
NES207E	NES302E	NES403E	NES502E	NES703E							
Nat. Code	Title		Dur								
EA132.1	HVAC Control Systems	C	1	1	1	1	1	1			
EA603	Preventative Maintenance	C	0.5	0.5							
EA903	Industrial Computer Systems	C	1	1	1	1	1	1			
NUE213	OH&S Implementation & Monitoring	C	0.5	0.5	0.5	0.5	0.5	0.5			
EA131	HVAC Air Systems	C	1						1	1	
EA133	HVAC Hydronic Systems	C	1							1	1
EA135	Applied Psychrometrics	C	1						1	1	
EA138	Refrigeration & Food Storage Technology	C	1								1
EA139.1	Heat Load Estimation ( Commercial Refrigeration )	C	1								1
EA142	Refrigeration System Analysis	C	1							1	1
EA143	Energy Management Systems for Commercial Refrigeration	C	1						1		1
EA152	Cooling Plant Maintenance Procedures	C	1							1	1
NR036	Management of Indoor Air Quality	C	1							1	
NUE353	Refrigeration/HVAC Direct Digital Controls	C	1						1		
NUE354	Refrigeration/HVAC Electronic Controls	C	1						1		
NUE355	Refrigeration/HVAC Pneumatic Controls	C	1						1		

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NES207E	NES302E	NES403E	NES502E	NES703E							
Nat. Code	Title	N	Dur								
NEWP207E	Co-ordinate Maintenance of Apparatus & Systems' Circuits <i>(Refrigeration &amp; Air Conditioning) WP</i>	N	~	WP							
NEWP302E	Undertake Commissioning of Apparatus & Complex Circuits <i>(Refrigeration &amp; Air Conditioning) WP</i>	N	~		WP						
NEWP403E	Test Apparatus & Complex Circuits <i>(Refrigeration &amp; Air Conditioning) WP</i>	N	~			WP					
NEWP502E	Diagnose & Rectify Faults in Apparatus & Complex Circuits <i>(Refrigeration &amp; Air Conditioning) WP</i>	N	~				WP				
NEWP703E	Plan the Installation of Electrical/Electronic Apparatus & Associated Wiring/Piping Systems <i>(Refrigeration &amp; Air Conditioning) WP</i>	N	~					WP			

*Please see page titled "Notes to Matricies"*