

**Electrotechnology Qualifications**  
*Certificate III - Electrotechnology Building Services (UTE 3 02 99)*

Modules				Core Units						Specialisation					
										Fire Systems			Security Systems		
Nat. Code	Title		Dur	NES009	NES106C	NES206C	NES301C	NES402C	NES501C	Optional Unit NES105H	Optional Unit NES209^	Optional Unit NES105H	Optional Unit NES209^		
ITH202	Using a Graphical User Interface	C	0.5		0.5	0.5	0.5	0.5	0.5						
ITH203	Using a Command Line Interface	C	0.5			0.5	0.5	0.5	0.5						
NBB002.1	Occupational Health & Safety	C	1		1	1	1	1	1						
NE018	Microprocessor Fundamentals	C	1.5			1.5	1.5	1.5	1.5						
NE110	Data Communications Fundamentals	C	1		1	1	1	1	1						
NE115	Introduction to Local Area Networks	C	1		1	1	1	1	1						
NE172.2	Electrical Wiring & Equipment 1	C	0.5		0.5	0.5	0.5	0.5	0.5						
NE175.1	Workshop Practices	C	1		1	1	1	1	1						
NE178	DC Power Supplies	C	1			1	1	1	1						
NE179	Digital Electronics 1	C	1		1	1	1	1	1						
NE180	Digital Electronics 2	C	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		2	2	2	2	2						
NUE056	Applied Electricity 4	C	1		1	1	1	1	1						
NUE095	Parts & Component Selection	C	0.5		0.5	0.5	0.5	0.5	0.5						
NUE113	Linear & Switched Mode Power Supplies	N	1		1	1	1	1	1						
NUE119	Network Operating Systems	N	1			1	1	1	1						
NUE154	Electronic Fault Finding	N	0.5		0.5	0.5	0.5	0.5	0.5						
NUE190	Standards & Regulations - Telecommunications	C	0.5		0.5	0.5	0.5	0.5	0.5						
NUE501	Building Systems Safety	N	0.5		0.5	0.5	0.5	0.5	0.5						
					<b>13.5</b>	<b>17</b>	<b>17</b>	<b>17</b>	<b>17</b>						
EA906	Control Interfacing	C	1							1	1	1			
NE111	Personal Computer Servicing 1	R	1							1		1			
NE176	Programmable Controller - Basics	C	0.5							0.5	0.5	0.5			
NE177	Programmable Logic Controllers 1 (PLCs)	C	1							1		1			
NUE110	Introduction to Applications Software	N	1							1		1			

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NUE480	Security Systems 1	N	1									1	1	1	
NUE482	Security Video Monitoring & Recording	N	1									1	1	1	
NUE483	Security Systems 2	N	1									1	1	1	
NUE484	Security Systems Programming & Diagnostics	N	1									1	1	1	
NUE485	Advanced Security Systems	N	1									1		1	
NUE486	Closed Circuit Television - Introduction	N	1									1	1	1	
NUE487	Closed Circuit Television - Advanced	N	1									1		1	
NUE490	Introduction to Fire Alarm Installations	N	1							1	1	1			
NUE491	Installation of Fire Alarm Systems	C	1.5							1.5	1.5	1.5			
NTC111	Telecomm Cabling Installations	C	1										1		
NUE190	Standards & Regulations - Telecommunications	R	0.5									0.5			
NUE192	Telecommunications Systems Overview	R	0.5									0.5			
NUE194	Telecommunication Structured Cabling	N	1										1		
<b>Off-job component</b>										<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>8</b>	<b>7</b>
NEWP009	Participate in the Training of Others WP	N	~	WP											
NEWP105H	Install & Terminate Wiring Systems (Network communications) WP	N	~							WP			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						
<b>On-job component</b>				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Please see page titled "Notes to Matrices"