

Table 1

# Cert 4 UEE40411 Electrical Instrumentation

## Night time delivery only for 1 year at 6 hours per week

**1 Year part time YOU MUST BE A LICENSED ELECTRICIAN TO COMPLETE THIS COURSE**

Cluster Name	Unit Numbers	Name of Unit (short name)	Descriptor	Core	Group	Core Points	Elective Points	Pre-requisites
<b>Sem 1</b>	TWO NIGHTS PER WEEK AT 3 HOURS PER NIGHT							
<b>PLC AND INSTRUMENTS 1 E038B (C021B)</b>								
<b>PLC Programmable Logic Controller</b>	UEENEEI150A	Develop, enter and verify discrete control programs for programmable controllers		N	B		60	E101A
<b>PLC analogue and word programming</b>	UEENEEI151A	Develop, enter and verify word and analogue control programs for programmable logic controllers.		N	C		60	I150A
<b>Responsibilities under a competency development plan</b>	UEENEEE038B (UEENEEC021B)	Participate in development and follow a personal competency development plan		Y		60		Nil
<b>Concepts and Practices of Industrial Instrumentation</b>	UEENEEI101A	Use instrumentation drawings, specification, standards and equipment manuals		Y		40		
<b>Pressure Measurement</b>	UEENEEI102A	Solve problems in pressure measurement components and systems						E101A, & I101A
<b>Level/Density Measurement</b>	UEENEEI103A	Solve problems in density/level measurement components and systems						E101A, & I101A and I102A
<b>Sem 2</b>	ONE OR TWO NIGHT PER WEEK AT 3 HOURS PER NIGHT							
<b>INSTRUMENTS 2 AND REPORT</b>								
<b>Fluid flow measurement principles</b>	UEENEEI104A	Solve problems in flow measurement components and systems		Y		40		E101A
<b>Temperature measurement principles</b>	UEENEEI105A	Solve problems in temperature measurement components and systems		Y		40		E101A, E102A
<b>Environmental and sustainable work practice - supervisory responsibilities</b>	UEENEEK145A	Implement and monitor energy sector environmental and sustainable policies and procedures		Y		20		E101A
<b>Energy sector Occupational Health and Safety, supervisory responsibilities</b>	UEENEEE117A	Implement and monitor energy sector OHS policies and procedures		Y		20		Nil
<b>Energy sector detailed report writing</b>	UEENEEE124A	Compile and produce an energy sector detailed report		Y		60		Nil
<b>COMPLETED IN ELECTRICAL TRADES COURSE</b>	<b>CREDIT TRANSFER</b>			<b>GM 2018 07</b>				
<b>UEENEEE101A</b>			20					
<b>UEENEEE102A</b>			40					
<b>UEENEEE104A</b>			80					
<b>UEENEEE105A</b>			20					
<b>UEENEEE107A</b>			40					
<b>UEENEEE137A</b>			20					
<b>UEENEEG006A</b>			80					
<b>UEENEEG033A</b>			60					

UEENEEG063A		40						
UEENEEG101A		60						
UEENEEG102A		80						
UEENEEG103A		20						
UEENEEG104A		20						
UEENEEG105A		40						
UEENEEG106A		40						
UEENEEG107A		60						
UEENEEG108A		40						
UEENEEG109A		80						