



Australian Government

UEE30311 Certificate III in Custom Electronics Installations

Release 4

UEE30311 Certificate III in Custom Electronics Installations

Modification History

Release	Action	Core/Elective	Details	Points
2	Update	Group A	HLTFA311A Apply first aid	10

4	Edit	Elective	Correct weighting points of UEENEED146A - Set up and configure basic local area network (LAN)	40
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Description

Scope

This qualification provides competencies to select, install, set up and test surround sound, home theatre and integration aspects for 'intelligent houses'. It covers the scope of CEDIA certification level 2

Pathways Information

Not applicable.

Licensing/Regulatory Information

Not applicable.

Entry Requirements

Not applicable.

Employability Skills Summary

Not applicable.

Packaging Rules

Completion requirements

The requirements for granting this qualification will be met when competency is demonstrated and achieved for:

- All the Core competency standard units, defined in the Core Competency Standard Units table below and
- A combination of Elective competency standard units to achieve a total weighting of 460 points in accordance with the Elective Competency Standard Units table below.

Core Competency Standard Units		Weighting Points
All Core competency standard units to be achieved		
UEENEEE101A	Apply Occupational Health and Safety regulations, codes and practices in the workplace	20
UEENEEE102A	Fabricate, assemble and dismantle utilities industry components	40
UEENEEE103A	Solve problems in ELV single path circuits	40
UEENEEE104A	Solve problems in d.c. circuits	80
UEENEEE105A	Fix and secure electrotechnology equipment	20
UEENEEE107A	Use drawings, diagrams, schedules, standards, codes and specifications	40
UEENEEE108A	Lay wiring/cabling and terminate accessories for extra-low voltage (ELV) circuits	40
UEENEEE137A	Document and apply measures to control OHS risks associated with electrotechnology work	20
UEENEEH104A	Set up and test residential video/audio equipment	40
UEENEEH105A	Verify functionality and compliance of custom electronic installations	40
UEENEEH106A	Assemble and set up fixed video/audio components and systems in buildings and premises	120
UEENEEH114A	Troubleshoot resonance circuits in an electronic apparatus	80
UEENEEK142A	Apply environmentally and sustainable energy procedures in the energy sector	20

Core Competency Standard Units All Core competency standard units to be achieved	Weighting Points
Total points in core	600

Elective Competency Standard Units Complete Elective units to achieve a total of weighting of 460 points from the following groups:		
Group	Minimum points	Maximum points
A Imported and Common Elective Units Imported units from other training packages and/or state accredited courses can be added to this group, but they must be selected from qualifications where the unit is first packaged at AQF level 3. If units have not being assigned a weighting by the relevant EE-Oz Industry Technical Advisory Committee, their weighting will be 10 points.	0	150
B Qualification Elective Units You may select all your elective units from this Group	310	460

Group A – Imported and Common Elective Units You may complete units to a maximum weighting of 180		Weighting Points
UEENEEC001B	Maintain documentation	20
UEENEEC002B	Source and purchase material/parts for installation or service jobs	20
UEENEEC003B	Provide quotations for installation or service jobs	20
UEENEEC010B	Deliver a service to customers	20
UEENEED101A	Use computer applications relevant to a workplace	20
UEENEED009B	Comply with scheduled and preventative maintenance program processes	20
UEENEED020B	Provide basic instruction in the use of electrotechnology apparatus	20

HLTFA311A	Apply first aid	10
	<p>Imported units from other training packages and/or state accredited courses can be added to this group, but they must be selected from qualifications where the unit is first packaged at AQF level 3. If units have not being assigned a weighting by the relevant EE-Oz Industry Technical Advisory Committee, their weighting will be 10 points.</p> <p>Note: For further information see Application of the NQC Flexibility Formula, UEE11 Electrotechnology Training Package, Version 1, Volume 1 Qualification Framework</p>	Up to 150 points

Group B – Qualification Elective Units		Weighting Points
Complete units to a minimum weighting of 310 You may select all your elective units from this Group		
UEENEEA101A	Assemble electronic components	40
UEENEEA106A	Use lead-free soldering techniques	40
UEENEEED102A	Assemble, set-up and test computing devices	80
UEENEEED112A	Support computer hardware and software for engineering applications	120
UEENEEED130A	Select, install, configure and test multimedia components	40
UEENEEED143A	Install and configure a client computer operating system and software	40
UEENEEED146A	Set up and configure basic local area network (LAN)	40
UEENEEEEE121A	Plan an integrated cabling installation system	40
UEENEEEEE123A	Solve basic problems electronic and digital equipment and circuits	80
UEENEEEEE179A	Identify and select components, accessories and materials for energy sector work activities	20
UEENEEEF102A	Install and maintain cabling for multiple access to telecommunication services	120
UEENEEEH101A	Repair basic computer equipment faults by replacement of modules/sub-assemblies	40
UEENEEEH103A	Repair routine business equipment faults	120
UEENEEEH107A	Repair predictable faults in general electronic apparatus	40
UEENEEEH108A	Assemble and install reception antennae and signal distribution equipment	60
UEENEEEH109A	Set up and test gaming and game equipment	60
UEENEEEH110A	Install commercial video/audio system components	120

UEENEEH117A	Carry out repairs of predictable faults in video and audio replay/recording apparatus	120
UEENEEH118A	Fault find and repair electronic apparatus	40
UEENEEH119A	Repair predictable faults in television receivers	120
UEENEEH120A	Fault find and repair gaming and games equipment	80
UEENEEH124A	Repair predictable faults in audio components	40
UEENEEH127A	Set up and adjust commercial radio frequency (RF) transmission and reception systems	60
UEENEEH128A	Install and test microwave antennae and waveguides	60
UEENEEH150A	Assemble and set up basic security systems	80
UEENEEH151A	Install large security systems	100
UEENEEH152A	Enter instructions and test wired and wireless security systems	40
UEENEEH169A	Solve problems in basic electronic circuits	100
UEENEEH171A	Troubleshoot faults in television receivers	120
UEENEEH172A	Troubleshoot communication systems	80
UEENEEH173A	Troubleshoot professional audio reproduction components	120
UEENEEH174A	Troubleshoot audio/video recording equipment	120
UEENEEI116A	Assemble, enter and verify operating instructions in microprocessor equipped devices	20

Note:

1. Pre-requisite pathways shall be identified and met for all elective units selected.
2. In selecting elective units considerations to career planning advice should be given to units that form part of a pre-requisite pathway for the progression to achieve particular competencies or qualification at a higher level.

END OF QUALIFICATION**Custom Content Section**

Not applicable.

