



Australian Government

Department of Education, Employment and Workplace Relations

UEE30310 Certificate III in Custom Electronics Installations

Release: 1

UEE30310 Certificate III in Custom Electronics Installations

Modification History

Not Applicable

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, **and**
- A combination of Elective competency standard units selected from Group A and/or Group B, to achieve a total weighting of 340 points, **and**
- All the required pre-requisite competency standard units

Core Competency Standard Units		Weighting Points
All Core competency standard units to be achieved		
UEENEEC015B	Participate in custom electronic installations work and competency development activities	100
UEENEE031B	Develop and validate basic integrated systems	60
UEENEEE001B	Apply OHS practices in the workplace	20
UEENEEE002B	Dismantle, assemble and fabricate electrotechnology components	40
UEENEEE003B	Solve problems in extra-low voltage single path circuits	40
UEENEEE004B	Solve problems in multiple path d.c. circuits	40
UEENEEE005B	Fix and secure equipment	20
UEENEEE007B	Use drawings, diagrams, schedules and manuals	40
UEENEEE008B	Lay wiring/cabling and terminate accessories for extra-low voltage circuits	40
UEENEEE037B	Document occupational hazards and risks in electrotechnology	20
UEENEEH004B	Set up and test residential	40

	audio/video equipment	
UEENEEH005B	Verify compliance and functionality of custom electronic installations	40
UEENEEH006B	Assemble and set up fixed audio/video components and systems in buildings and premises	120
UEENEEH014B	Troubleshoot frequency dependent circuits	80
UEENEEK042A	Participate in environmentally sustainable work practices	20
Total points in core		720

Elective Competency Standard Units

Complete Elective units to achieve a total of weighting of 340 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 in the Electrotechnology Training Package, their weighting will be 10 points.	0	170
B	Qualification Electives - Schedule 3 Units You may select all your elective units from this Group	170	340

Group A - Imported and Common Elective Units		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
UEENEEED001B	Use basic computer applications relevant to a workplace	20
UEENEEEE009B	Comply with scheduled and preventative maintenance program processes	20
UEENEEEE020B	Provide basic instruction in the use of electrotechnology apparatus	20
	<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 in the Electrotechnology Training Package, their weighting will be 10 points.</p> <p>Note: For further information see <i>Transition to NQC Packaging Rules for Flexibility</i>, Page 48, UEE07 Electrotechnology Training Package, Version 4, Volume 1 Preliminary Information.</p>	Up to 170 points

Group B - Qualification Electives - Schedule 3 Units		Weighting Points
You may select all your elective units from this Group		
UEENEEA001B	Assemble electronic apparatus	40
UEENEEA002B	Select electronic components	20
UEENEEA003B	Set up and check electronic component placement machines	40
UEENEEA004B	Rework electronic sub assemblies	40
UEENEEA005B	Conduct functional and quality tests on assembled electronic apparatus	20
UEENEEA006B	Apply lead-free soldering techniques	40
UEENEEA002B	Assemble, set up and test personal computers	80
UEENEEA005B	Enter and verify operating instructions in microprocessor equipped devices	20
UEENEEA012B	Support computer hardware and software	120
UEENEEA030B	Select, install, configure and test multimedia devices	40
UEENEEA043B	Install and configure a computer operating system and software	40
UEENEEA046B	Set up and configure basic local area network	40
UEENEEA019C	Solve problems in multiple path a.c. circuits	40
UEENEEA021B	Plan an integrated cabling system	40
UEENEEA022B	Carry out preparatory electrotechnology work activities	60
UEENEEA023B	Solve basic problems in electronic and digital equipment	80
UEENEEA041B	Use of routine equipment/plant/technologies in an electrotechnology environment	60
UEENEEA048C	Carry out routine work activities in an electrotechnology environment	40

UEENEEE079A	Identify and select components, accessories and materials for electrotechnology work activities	20
UEENEEF002B	Lay and connect cables for multiple access to telecommunication services	120
UEENEEH001B	Carry out basic repairs to computer equipment by replacement of modules/sub-assemblies	40
UEENEEH003B	Carry out routine repairs to business equipment	120
UEENEEH007B	Carry out repairs of predictable faults in general electronic apparatus	40
UEENEEH008B	Assemble and erect reception antennae and signal distribution equipment	60
UEENEEH009B	Set up and test gaming/games equipment	60
UEENEEH010B	Install commercial audio/video system components	120
UEENEEH017B	Carry out repairs of predictable faults in audio and video replay/recording apparatus	120
UEENEEH018B	Find and repair faults in electronic apparatus	40
UEENEEH019B	Carry out repairs of predictable faults in television receivers	120
UEENEEH020B	Find and repair faults in gaming and games equipment	80
UEENEEH024B	Carry out repairs of predictable faults in audio components	40
UEENEEH027B	Commission commercial radio frequency (RF) transmission and reception systems	60
UEENEEH028B	Install microwave and antennae and waveguides	60
UEENEEH050B	Assemble and set up basic wired and wireless security systems	80
UEENEEH051B	Install large wired and wireless security systems	100
UEENEEH052B	Enter instructions and test basic wired and wireless security systems	40
UEENEEH069B	Solve problems in electronic circuits	100

UEENEEH070B	Terminate and connect components, conductors, wiring and cables for electronic circuits	40
UEENEEH071B	Find and repair faults in television receivers	120
UEENEEH072C	Find and repair faults in communication systems	80
UEENEEH073B	Find and repair faults in professional audio reproduction components	120
UEENEEH074B	Find and repair faults in audio/video recording equipment	120

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
