



Australian Government

Department of Education, Employment and Workplace Relations

UEE21910 Certificate II in Electronics

Release: 1

UEE21910 Certificate II in Electronics

Modification History

Not Applicable

Description

Scope

This qualification provides competencies to select, assemble, set up and maintain electronic devices following prescribed routines.

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 120 points, **and**
- All the required pre-requisite competency standard units

. Core Competency Standard Units		Weighting Points
All Core competency standard units to be achieved		
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
UEENEEE034B	Document occupational hazards and risks in electronics	20
UEENEEE038B	Participate in development and follow a personal competency development plan	20
UEENEEH002B	Carry out basic repairs to electronic apparatus by replacement of components	40
UEENEEK042A	Participate in environmentally sustainable work practices	20
Total points in core		240

Elective Competency Standard Units		
Complete Elective units to achieve a total of weighting of 120 points from the following groups:		
Group	Minimum points	Maximum points
A Imported or Non-Technical Competency Standard 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 2. If units have not being assigned a weighting in the Electrotechnology Training Package, their weighting will be 10 points.	0	60
B Qualification Electives - Schedule 2 Units You may select all your elective units from this Group	60	120

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
UEENEEC008B	Receive and store materials and equipment for electrotechnology work	20
UEENEEC010B	Deliver a service to customers	20
	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 2. If units have not being assigned a weighting in the Electrotechnology Training Package, their weighting will be 10 points. 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.	Up to 60 Points

Group B - Qualification Electives - Schedule 2 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
UEENEED001B	Operate and maintain an amateur radio communication station	40
UEENEED001B	Use basic computer applications relevant to a workplace	20
UEENEED002B	Assemble, set up and test personal computers	80
UEENEED004B	Use engineering applications software	40
UEENEED005B	Enter and verify operating instructions in microprocessor equipped devices	20
UEENEED043B	Install and configure a computer operating system and software	40
UEENEED046B	Set up and configure basic local area network	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
UEENEEE019C	Solve problems in multiple path a.c. circuits	40
UEENEEE020B	Provide basic instruction in the use of electrotechnology apparatus	20

Group B - Qualification Electives - Schedule 2 Units		Weighting Points
You may select all your elective units from this Group		
UEENEEE022B	Carry out preparatory electrotechnology work activities	60
UEENEEE023B	Solve basic problems in electronic and digital equipment	80
UEENEEE041B	Use of routine equipment/plant/technologies in an electrotechnology environment	60
UEENEEE046B	Identify affects of energy on machinery and materials in an electrotechnology environment	120
UEENEEE048C	Carry out routine work activities in an electrotechnology environment	40
UEENEEE050B	Undertake computations in an electrotechnology environment	120
UEENEEE079A	Identify and select components, accessories and materials for electrotechnology work activities	20
UEENEEF006B	Solve problems in data and voice communications circuits	40
UEENEEF007B	Set up wireless capabilities of communications and data storage devices	40
UEENEEH001B	Carry out basic repairs to computer equipment by replacement of modules/sub-assemblies	40
UEENEEH004B	Set up and test residential audio/video equipment	40
UEENEEH008B	Assemble and erect reception antennae and signal distribution equipment	60
UEENEEH028B	Install microwave and antennae and waveguides	60
UEENEEH061B	Position and terminate fire detection and warning system apparatus	40
UEENEEH069B	Solve problems in electronic circuits	100

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
