Australian Government

UEE21911 Certificate II in Electronics

Release 2

INDUSTRY
SKILLS
COUNCILS
Creating Australia's Future

UEE21911 Certificate II in Electronics

Modification History

Release	Action	Core/Elective	Details	Points
2	Edit	Elective	Correct weighting points of UEENEED146A - Set up and configure basic local area network (LAN)	40

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, defined in the Core Competency Standard Units table below and
- A combination of Elective competency standard units to achieve a total weighting of 120 points in accordance with the Elective Competency Standard Units table below.

. **Core Competency Standard Units** All Core competency standard units to be achieved		**Weighting Points**
UEENEEE038B	Participate in development and follow a personal competency development plan	20
UEENEEE101A	Apply Occupational Health and Safety regulations, codes and practices in the workplace	20
UEENEEE102A	Fabricate, assemble and dismantle utilities industry components	40
UEENEEE104A	Solve problems in d.c. circuits	80
UEENEEE137A	Document and apply measures to control OHS risks associated with electrotechnology work	20
UEENEEH102A	Repair basic electronic apparatus faults by replacement of components	40
UEENEEK142A	Apply environmentally and sustainable energy procedures in the energy sector	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**	0	60

	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 by the relevant EE-Oz Industry Technical Advisory Committee, their weighting will be 10 points.		
B	**Qualification Elective Units** You may select all your elective units from this Group	60	120

Group A – Imported and Common Elective Units You may complete units to a maximum weighting of 60		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
UEENEEE020B	Provide basic instruction in the use of electrotechnology apparatus	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 by the relevant EE-Oz Industry Technical Advisory Committee, their weighting will be 10 points. Note: For further information see Application of the NQC Flexibility Formula, UEE11 Electrotechnology Training Package, Version 1, Volume 1 Qualification Framework	Up to 60 Points

Group B – Qualification Elective Units Complete units to a minimum weighting of 60 You may select all your elective units from this Group		Weighting Points
UEENEEA101A	Assemble electronic components	40
UEENEEA102A	Select electronic components for assembly	20
UEENEEA103A	Set up and check electronic component assembly machines	40
UEENEEA104A	Modify electronic sub assemblies	40
UEENEEA105A	Conduct quality and functional tests on assembled electronic apparatus	20
UEENEEA106A	Use lead-free soldering techniques	40
UEENEEB101A	Operate and maintain amateur radio communication stations	40
UEENEED101A	Use computer applications relevant to a workplace	20
UEENEED102A	Assemble, set up and test computing devices	80
UEENEED143A	Install and configure client computer operating system and software	40
UEENEED146A	Set up and configure basic local area network (LAN)	40
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
UEENEEE122A	Carry out preparatory energy sector work activities	60
UEENEEE123A	Solve basic problems in electronic and digital equipment and circuits	80
UEENEEE141A	Use of routine equipment/plant/technologies in an energy sector environment	40

E-OZ Training Standards

UEENEEE146A	Identify effects of energy on machinery and materials in an energy sector environment	120
UEENEEE179A	Identify and select components, accessories and materials for energy sector work activities	20
UEENEEF106A	Solve problems in voice and data communications circuits	40
UEENEEF107A	Set up and configure wireless capabilities of communications and data storage devices	40
UEENEEH101A	Repair basic computer equipment faults by replacement of modules/sub-assemblies	40
UEENEEH104A	Set up and test residential video/audio equipment	40
UEENEEH108A	Assemble and install reception antennae and signal distribution equipment	60
UEENEEH128A	Install and test microwave antennae and waveguides	60
UEENEEH161A	Install fire detection and warning system apparatus	40
UEENEEH169A	Solve problems in basic electronic circuits	100
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.