



Australian Government

UEE21920 Certificate II in Electronics

Release: 2

UEE21920 Certificate II in Electronics

Modification History

Release 2. Updated superseded imported elective units.

Release 1. This is the first release of this qualification in the UEE Electrotechnology Training Package

Qualification Description

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

No licensing, legislative or certification requirements apply to this qualification at the time of publication.

Entry Requirements

There are no entry requirements for this qualification

Packaging Rules

A total of **360 weighting points** comprising:

240 core weighting points listed below; plus

120 general elective weighting points from the general elective units listed below.

Choose a total of **120 weighting points** elective units from the list below, of which between **0 and 60 weighting points** can be taken from Group A; and between **60 and 120 weighting points** must be taken from Group B; or all **120 weighting points** can be taken from Group B.

Up to **60 weighting points** of the general elective units Group A, may be selected, with appropriate contextualisation, from any relevant nationally endorsed Training Package or accredited course, provided selected units contribute to the vocational outcome of the qualification. Previously assigned weighting points are listed in the UEE Electrotechnology Training Package Companion Volume Implementation Guide (CVIG), if not listed weighting points will be 10 points, unless directed from the Electrotechnology Industry Reference Committee (IRC).

There are units of competency within this qualification that contain pre-requisites. Units of competency that have a pre-requisite requirement are identified by this symbol *. Refer directly to the units of competency to identify pre-requisite requirements to ensure all are complied with. A list of all pre-requisites is also provided in the UEE Pre-requisite Companion Volume.

Where imported units are selected, care must be taken to ensure all pre-requisite units specified are complied with.

Core units		Weighting Points
UEECD0007	Apply work health and safety regulations, codes and practices in the workplace	20
UEECD0016	Document and apply measures to control WHS risks associated with electrotechnology work*	20
UEECD0019	Fabricate, assemble and dismantle utilities industry components*	40
UEECD0027	Participate in development and follow a personal competency development plan	20
UEECD0043	Solve problems in direct current circuits*	80
UEEEC0060	Repairs basic electronic apparatus faults by replacement of components*	40
UEERE0001	Apply environmentally and sustainable procedures in the energy sector	20
Group A: Imported and common elective units		Weighting Points
BSBOPS203	Deliver a service to customers	20
UEECD0035	Provide basic instruction in the use of electrotechnology apparatus	20
UEECO0002	Maintain documentation	20
UEECO0016	Receive and store materials and equipment for electrotechnology work	20
UEECO0017	Source and purchase material/parts for installation or service jobs	20
Group B: Qualification elective units		Weighting Points
ICTICT214	Operate application software packages	20
UEEAS0001	Assemble electronic components*	40
UEEAS0002	Conduct quality and functional tests on assembled electronic apparatus*	20
UEEAS0003	Modify electronic sub-assemblies*	40
UEEAS0004	Select electronic components for assembly*	20

UEEAS0005	Set up and check electronic component assembly machines*	40
UEEAS0006	Use lead-free soldering techniques*	40
UEECD0008	Carry out preparatory energy sector work activities*	60
UEECD0020	Fix and secure electrotechnology equipment*	20
UEECD0021	Identify and select components, accessories and materials for energy sector work activities*	20
UEECD0023	Identify effects of energy on machinery and materials in an energy sector environment	120
UEECD0025	Lay wiring/cabling and terminate accessories for extra-low voltage (ELV) circuits*	40
UEECD0040	Solve basic problems electronic and digital equipment and circuits*	80
UEECD0051	Use drawings, diagrams, schedules, standards, codes and specifications*	40
UEECD0052	Use routine equipment/plant/technologies in an energy sector environment*	40
UEECS0003	Assemble, set up and test computing devices*	80
UEECS0022	Install and configure a client computer operating system and software	40
UEECS0029	Set up and configure basic local area network (LAN)*	80
UEEDV0012	Set up and configure the wireless capabilities of communications and data storage devices	40
UEEDV0013	Solve problems in voice and data communications circuits*	40
UEEEC0002	Assemble and install reception antennae and signal distribution equipment*	60
UEEEC0039	Install and test microwave antennae and waveguides*	60
UEEEC0041	Install fire detection and warning system apparatus*	40
UEEEC0046	Operate and maintain amateur radio communication stations*	40

UEEEEC0055	Repair basic computer equipment faults by replacement of modules/sub-assemblies*	40
UEEEEC0062	Set up and test residential video/audio equipment*	40
UEEEEC0065	Solve problems in basic electronic circuits*	100
UEEIC0002	Assemble, enter and verify operating instructions in microprocessor equipped devices*	20

Qualification Mapping Information

This qualification replaces and is equivalent to UEE21911 Certificate II in Electronics

Links

Companion Volume Implementation Guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=b8a8f136-5421-4ce1-92e0-2b50341431b6>