



Australian Government

UEE20920 Certificate II in Electronic Assembly

Release: 3

UEE20920 Certificate II in Electronic Assembly

Modification History

Release 3. Updated superseded imported elective units.

Release 2. Updated superseded HLT, BSB and ICT elective units.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 components, set up and operate component placement machines and carry out rework to a prescribed routine. It includes selecting components, assembling electronic sub-systems and carrying out reworks to a prescribed routine.

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:

220 core weighting points listed below; plus

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

Choose a total of **140 weighting points** elective units from the list below, of which between **0 and 60 weighting points** can be taken from Group A; and between **80 and 140 weighting points** must be taken from Group B; or all **140 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
UEEAS0001	Assemble electronic components*	40
UEEAS0004	Select electronic components for assembly*	20
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
UEECD0042	Solve problems in ELV single path circuits*	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
CPCWHS1001	Prepare to work safely in the construction industry	10
HLTAID009	Provide cardiopulmonary resuscitation	10
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
UEEAS0002	Conduct quality and functional tests on assembled	20

	electronic apparatus*	
UEEAS0003	Modify electronic sub-assemblies*	40
UEEAS0006	Use lead-free soldering techniques*	40
UEECD0020	Fix and secure electrotechnology equipment*	20
UEECD0021	Identify and select components, accessories and materials for energy sector work activities*	20
UEECD0025	Lay wiring/cabling and terminate accessories for extra-low voltage (ELV) circuits*	40
UEECD0051	Use drawings, diagrams, schedules, standards, codes and specifications*	40
UEEEC0060	Repairs basic electronic apparatus faults by replacement of components*	40

Qualification Mapping Information

This qualification replaces and is equivalent to UEE20911 Certificate II in Electronic Assembly

Links

Companion Volume Implementation Guides are found in VETNet -

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