Australian Government

UEE30320 Certificate III in Custom Electronics Installations

Release: 3

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Modification History

Release 3. Updated superseded imported elective units.

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 Updated superseded imported elective units.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, install, set up and test surround sound, home theatre and integration aspects for 'intelligent houses'. It covers the scope of Custom Electronic Design and Installation Association (CEDIA) Certification level 2.

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 **1060 weighting points** comprising:

600 core weighting points listed below; plus

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

Choose a total of **500 weighting points** elective units from the list below, of which between **0 and 150 weighting points** can be taken from Group A; and between **310 and 460 weighting points** must be taken from Group B; or all **500 weighting points** can be taken from Group B.

Up to **150 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
UEECD0020	Fix and secure electrotechnology equipment*	20
UEECD0025	Lay wiring/cabling and terminate accessories for extra-low voltage (ELV) circuits*	40
UEECD0042	Solve problems in ELV single path circuits*	40
UEECD0043	Solve problems in direct current circuits*	80
UEECD0051	Use drawings, diagrams, schedules, standards, codes and specifications*	40
UEEEC0004	Assemble and set up fixed video/audio components and systems in buildings and premises*	120
UEEEC0062	Set up and test residential video/audio equipment*	40
UEEEC0074	Troubleshoot resonance circuits in an electronic apparatus*	80
UEEEC0077	Verify functionality and compliance of custom electronic installations*	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
HLTAID011	Provide First Aid	10
ICTICT214	Operate application software packages	20
UEECD0011	Comply with scheduled and preventative maintenance program processes	20

UEECD0035	Provide basic instruction in the use of electrotechnology apparatus	20
UEECO0002	Maintain documentation	20
UEECO0015	Provide quotations for installation or service jobs	20
UEECO0017	Source and purchase material/parts for installation or service jobs	20

Group B: Qualification elective units		**Weighting Points**
UEEAS0001	Assemble electronic components*	40
UEEAS0006	Use lead-free soldering techniques*	40
UEECD0021	Identify and select components, accessories and materials for energy sector work activities*	20
UEECD0028	Plan an integrated cabling installation system*	40
UEECD0040	Solve basic problems electronic and digital equipment and circuits*	80
UEECS0003	Assemble, set up and test computing devices*	80
UEECS0022	Install and configure a client computer operating system and software	40
UEECS0028	Select, install, configure and test multimedia components	40
UEECS0029	Set up and configure basic local area network (LAN)*	80
UEECS0032	Support computer hardware and software for engineering applications	120
UEEDV0005	Install and maintain cabling for multiple access to telecommunication services*	80
UEEEC0002	Assemble and install reception antennae and signal distribution equipment*	60
UEEEC0003	Assemble and set up basic security systems*	80
UEEEC0006	Carry out repairs of predictable faults in video and audio replay/recording apparatus*	120
UEEEC0027	Enter instructions and test wired and wireless security systems*	40

UEEEC0029	Fault find and repair electronic apparatus*	40
UEEEC0039	Install and test microwave antennae and waveguides*	60
UEEEC0040	Install commercial video/audio system components*	120
UEEEC0042	Install large security systems*	100
UEEEC0055	Repair basic computer equipment faults by replacement of modules/sub-assemblies*	40
UEEEC0056	Repair predictable faults in audio components*	40
UEEEC0057	Repair predictable faults in general electronic apparatus*	40
UEEEC0058	Repair predictable faults in television receivers*	120
UEEEC0059	Repair routine business equipment faults*	120
UEEEC0061	Set up and adjust commercial radio frequency (RF) transmission and reception systems*	60
UEEEC0065	Solve problems in basic electronic circuits*	100
UEEEC0068	Troubleshoot communication systems*	80
UEEEC0070	Troubleshoot faults in television receivers*	120
UEEEC0073	Troubleshoot professional audio reproduction components*	120
UEEIC0002	Assemble, enter and verify operating instructions in microprocessor equipped devices*	20
UETDRIS018	Perform low voltage field switching operation to a given schedule*	50
UETDRIS017	Perform high voltage field switching operation to a given schedule*	40
UETDRIS031	Maintain insulating oil*	40
UETDRSB001	Perform substation switching operations to a given schedule	50
UETDRIS032	Solve problems in network equipment*	80
UETDRIS033	Solve problems in network protection*	40

Qualification Mapping Information

This qualification replaces and is equivalent to UEE30311 Certificate III in Custom Electronics Installations

Links

Companion Volume Implementation Guides are found in VETNet - https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=b8a8f136-5421-4ce1-92e0-2b50341431b6