



Australian Government

UEE43120 Certificate IV in Energy Efficiency and Assessment

Release 1

UEE43120 Certificate IV in Energy Efficiency and Assessment

Modification History

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

Qualification Description

This qualification provides competencies to conduct a residential, office and retail dwellings residential and small-medium enterprises (SME) energy audit and to develop energy efficient strategies to reduce energy use in a range of energy services.

The qualification also addresses the environmental and legislative contexts with the fundamental energy audit methodology to develop the initiative and solutions of sustainability and financial viability.

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

Entry Requirements

The entry requirement for this qualification is:

- UEE30820 Certificate III in Electrotechnology Electrician

or

- a current 'Unrestricted Electricians Licence' or its equivalent issued in an Australian state or territory.

Packaging Rules

A total of **440 weighting points** comprising:

180 core weighting points listed below; **plus**

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

Choose a total of **260 weighting points** elective units from the list below, of which between 0 and **120 weighting points** can be taken from Group A; between 0 and **120 weighting points** can be taken from Group B; and between 140 and **260 weighting points** can be taken from Group C (or all electives units of **260 weighting points** can be taken from Group C).

Up to 120 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 that 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
UEECD0010	Compile and produce an energy sector detailed report	60
UEECD0024	Implement and monitor energy sector WHS policies and procedures	20
UEECD0027	Participate in development and follow a personal competency development plan	20
UEERE0005	Assess energy loads and uses for energy efficiency in residential, office and retail premises*	40
UEERE0014	Develop strategies to address sustainability issues for electrical installations*	20
UEERE0015	Implement and monitor energy sector environmental and sustainable policies and procedures	20
Group A: Imported and common elective units.		Weighting Points
BSBCUS201	Deliver a service to customers	20
ICTICT203	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
UEECD0056	Apply methods to maintain currency of industry developments	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**

UEECS0033	Use engineering applications software on personal computers	40
UEEDV0005	Install and maintain cabling for multiple access to telecommunication services*	80
UEEEL0013	Install, set up and commission interval metering*	20
UEEEL0016	Provide advice on effective and energy efficient lighting products	20
UEEEL0022	Supply effective and efficient lighting products for domestic and small commercial applications*	40
UEEEL0061	Provide advice on the application of energy efficient lighting for ambient and aesthetic effect*	20
UEEIC0011	Develop electrical integrated systems*	20
UEEIC0024	Plan the electrical installation of integrated systems*	20

Group C: Qualification elective units.**Weighting Points**

UEECD0013	Develop and implement energy sector maintenance programs	60
UEECO0001	Estimate electrotechnology projects	40
UEEEL0036	Design effective and efficient lighting for residential and commercial buildings*	20
UEEEL0050	Install and replace low voltage current transformer metering*	20
UEEEL0063	Provide photometric data for illumination system design	60
UEEEL0070	Select effective and efficient light sources and luminaires for given locations and designs*	60
UEEIC0009	Develop an electrical integrated system interface for	20

access through a touch screen*

UEERE0003	Assess energy loads and uses for energy efficiency in commercial facilities*	40
UEERE0004	Assess energy loads and uses for energy efficiency in industrial properties and enterprises*	40

Qualification Mapping Information

This qualification replaces and is not equivalent to UEE43111 Certificate IV in Energy Efficiency and Assessment

Links

Companion Volume implementation guides are found in VETNet - -

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