

# Qualification details



## UEE41920 - Certificate IV in Electrical - Renewable Energy

### Summary

Releases:	Release	Status	Release date
	3	Current	2022/10/24
	2	Replaced	2021/10/14
	1	Replaced	2020/10/05

Usage recommendation: **Superseded**

Mapping:	Mapping	Notes	Date
	Is superseded by UEE43322 - Certificate IV in Electrical - Renewable Energy		2022/12/20
	Supersedes UEE41911 - Certificate IV in Electrical - Renewable Energy		2020/10/05

### Training packages that include this qualification

Code	Title	Release
UEE	Electrotechnology Training Package	2.0

### Units of competency

Code	Title	Essential
BSBCUS201	Deliver a service to customers	Elective
CPCCWHS1001	Prepare to work safely in the construction industry	Elective
HLTAID001	Provide cardiopulmonary resuscitation	Elective
ICTICT203	Operate application software packages	Elective
UEECD0010	Compile and produce an energy sector detailed report	Core
UEECD0011	Comply with scheduled and preventative maintenance program processes	Elective
UEECD0024	Implement and monitor energy sector WHS policies and procedures	Core
UEECD0027	Participate in development and follow a personal competency development plan	Core
UEECD0035	Provide basic instruction in the use of electrotechnology apparatus	Elective
UEECO0002	Maintain documentation	Elective
UEECO0015	Provide quotations for installation or service jobs	Elective
UEECO0017	Source and purchase material/parts for installation or service jobs	Elective
UEECS0033	Use engineering applications software on personal computers	Elective
UEEEL0013	Install, set up and commission interval metering	Elective
UEEEL0050	Install and replace low voltage current transformer metering	Elective
UEEIC0002	Assemble, enter and verify operating instructions in microprocessor equipped devices	Elective
UEEIC0013	Develop, enter and verify discrete control programs for programmable controllers	Elective
UEERE0003	Assess energy loads and uses for energy efficiency in commercial facilities	Elective

Code	Title	Essential
UEERE0004	Assess energy loads and uses for energy efficiency in industrial properties and enterprises	Elective
UEERE0005	Assess energy loads and uses for energy efficiency in residential, office and retail premises	Elective
UEERE0011	Design grid-connected photovoltaic power supply systems	Elective
UEERE0014	Develop strategies to address sustainability issues for electrical installations	Elective
UEERE0015	Implement and monitor energy sector environmental and sustainable policies and procedures	Core
UEERE0016	Install, configure and commission LV grid-connected photovoltaic power systems	Elective
UEERE0019	Maintain safety and tidiness of remote area power supply systems	Elective
UEERE0022	Solve basic problems in photovoltaic energy apparatus and systems	Core
UEERE0023	Work safely with remote area power supply systems	Elective
UEERE0025	Carry out basic repairs to renewable energy (RE) apparatus	Core
UEERE0027	Coordinate maintenance of renewable energy (RE) apparatus and systems	Elective
UEERE0034	Diagnose and rectify faults in renewable energy (RE) control systems	Core
UEERE0035	Install ELV stand-alone photovoltaic power systems	Elective
UEERE0036	Install small wind energy conversion systems rated up to 10 kW for ELV stand-alone applications	Elective
UEERE0037	Install, configure and commission LV micro-hydro systems rated up to 6.4 kW	Elective
UEERE0038	Install, configure and commission LV wind energy conversion systems rated up to 10 kW	Elective
UEERE0039	Install, set up and maintain ELV micro-hydro systems rated up to 6.4 kW	Elective
UEERE0045	Solve basic problems in micro-hydro systems	Elective
UEERE0046	Solve problems in stand-alone renewable energy (RE) systems	Elective
UEERE0047	Solve problems in wind energy conversion systems (WECS) rated up to 10 kW	Elective
UEERE4001	Install, maintain and fault find battery storage systems for grid-connected photovoltaic systems	Elective
UEERE5001	Design battery storage systems for grid-connected photovoltaic systems	Elective

## Classifications

Scheme	Code	Name
ANZSCO Identifier	341112	Electrician (Special Class)
ASCED Qualification/Course Field of Education Identifier	0313	Electrical And Electronic Engineering And Technology
Qualification/Course Level of Education Identifier	511	Certificate IV
Taxonomy - Industry Sector	N/A	Electrotechnology
Taxonomy - Occupation	N/A	Renewable Energy Engineer

## Classifications history

Scheme	Code	Name	Start date	End date
ANZSCO Identifier	341112	Electrician (Special Class)	2020/12/17	
ASCED Qualification/Course Field of Education Identifier	0313	Electrical And Electronic Engineering And Technology	2020/12/17	
Qualification/Course Level of Education Identifier	511	Certificate IV	2020/10/05	