

# ACCREDITATION PATHWAYS

## Trade based training

Accreditation type	Unrestricted Electrical Licence Required	PV System Knowledge – Required Units of Competency
<b>Grid-connect (GC) accreditation</b>		
GC Design Only	No	UEERE0011, UEERE0022 (from 4/10/2020) or UEENEEK125A, UEENEEK135A or VU22123, VU22124
GC Install Only	Yes	UEERE0011, UEERE0016 (from 4/10/2020) or UEENEEK125A, UEENEEK148A
GC Design and Install	Yes	UEERE0011, UEERE0016, UEERE0022 (from 4/10/2020) or UEENEEK125A, UEENEEK135A, UEENEEK148A or VU22123, VU22124, UEENEEK148A
<b>Stand-alone Power System (SPS) accreditation</b>		
SPS Design Only	No	UEERE0022, UEERE0025, UEERE0031, UEERE0046 (from 4/10/2020) or UEENEEK123A, UEENEEK125A, UEENEEK128A, UEENEEK139A
SPS Install Only	Yes – Commissioning of system No - Installing system	UEERE0022, UEERE0025, UEERE0035, UEERE0046 (from 4/10/2020) or UEENEEK123A, UEENEEK125A, UEENEEK128A, UEENEEK134A
SPS Design and Install	Yes – Commissioning of system No - Installing system	UEERE0022, UEERE0025, UEERE0031, UEERE0035, UEERE0046 (from 4/10/2020) or UEENEEK123A, UEENEEK125A, UEENEEK128A, UEENEEK134A, UEENEEK139A

## PV system knowledge – Units of competency

UEENEEK123A	Carry out basic repairs to renewable energy apparatus
UEENEEK125A	Solve basic problems in photovoltaic energy apparatus
UEENEEK128A	Solve problems in stand-alone renewable energy systems
UEENEEK134A	Install ELV standalone photovoltaic power systems
UEENEEK135A	Design grid connected photovoltaic power supply systems
UEENEEK139A	Design stand-alone renewable energy (RE) systems
UEENEEK148A	Install, configure and commission LV grid connected photovoltaic power systems
VU22123	Undertake site assessment for installation of grid-connected renewable energy generation system
VU22124	Design a grid-connected photovoltaic energy generation system to meet client requirements

## Working safely at heights

RIIWHS204D/E

or

CPCCCM2010A/B Working safely at heights

or

CPCCCM1006A

## Other technologies – Required units of competency

Battery storage	UEERE4001	Install, Maintain and Fault Find Battery Storage Systems for Grid Connected Photovoltaic Systems
	UEERE5001	Design Battery Storage Systems for Grid Connected Photovoltaic Systems
	or VU22125	or Design a grid-connected battery storage system to meet client requirements
Hybrid	UEENEEK133A	Design hybrid renewable power systems
Micro-hydro	UEENEEK124A	Solve Basic problems in micro-hydro systems
	UEENEEK137A	Install, set up and maintain ELV micro-hydro systems rated up to 6.4 kW
	UEENEEK138A	Design micro-hydro systems rated to 6.4 kW
Small-scale wind	UEENEEK130A	Solve problems in wind energy conversion systems rated up to 10 kW
	UEENEEK131A	Design wind energy conversion systems (WECS) rated to 10 kW
	UEENEEK143A	Install small wind energy conversion systems rated up to 10 kW for ELV stand-alone applications

## University based training

The following process is for applicants who were students from the following tertiary education providers:

- Murdoch University
- University of NSW
- Curtin University - Master of Engineering Science (Renewable Energy Electrical Power Systems)
- TAFE NSW

Students must provide proof of satisfactory completion of the university modules listed below to meet the requirements of provisional accreditation.

Accreditation type	University module/unit code
<b>Murdoch University</b>	
SPS Design Only	ENG351, ENG352 and ENG307 or ENG337, ENG338 and ENG339 or PEC390, PEC590 and PEN590
GC Design Only	ENG421 or ENG442 (ne code post 2016)
<b>University of NSW</b>	
SPS Design Only	SOLA5054 or SOLA9014
GC Design Only	SOLA4012 or SOLA9007
<b>Curtin University</b>	
SPS Design Only	Renewable Energy Principles 301/603 or ELEN3004 (v.1) /ELEN6013 (v.1) or Renewable Energy Systems 402/604 or ELEN4006 (v.1)
GC Design Only	Renewable Energy Principles 301/603 or ELEN3004 (v.1) /ELEN6013 (v.1) or Renewable Energy Systems 402/604 or ELEN4006 (v.1)
<b>TAFE NSW</b>	
GC Design Only	AEEGY101A

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Proof of completion these studies in the form of a certified academic record. This academic record must be submitted as part of a normal provisional accreditation application, including all other required aspects of this application.