

Certificate IV in Electrical-Photovoltaic Systems

UEE42010



College of Electrical Training (CET)

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Connect Your Mind

24/10/2011

Course Overview

This nationally recognised qualification provides Electrical Workers (Electricians) with the competencies to install, set up, test, fault find and repair Photovoltaic Systems in the domestic and commercial premises. It contains Units of Competency endorsed by the Clean Energy Council and information regarding the use and application of Interval Metering.

Course Content

This course is divided into Core, Stream and Elective Units of which a designated number must be completed to achieve the qualification. It is likely that an experienced Electrical Worker will be able to complete the qualification by undertaking the four Core Units* however, this would be conditional on the Worker satisfying the additional listed Units under Recognition of Prior Learning (RPL). Under these arrangements there are an additional number of Core Units which can be claimed under RPL by the Electrical Worker who has completed a recognised apprenticeship.

Core:

UEENEEE017B - Implement and monitor OHS policies and procedures

UEENEEE024C - Compile and produce an Electrotechnology report

UEENEEE038B - Participate in development and follow a personal competency development plan

UEENEEG071C* - Install and set up Interval Metering

UEENEEK025C* - Solve basic problems in Photovoltaic energy apparatus

UEENEEK048A* - Install, configure and commission grid connected Photovoltaic Power Systems

UEENEEK035C* - Design grid connected power supply systems

Stream Core:

Note: At least three of the following Units are to be achieved however it is felt that experienced Electrical Workers should be able to satisfy the competencies under RPL.

UEENEEC001B - Maintain documentation

UEENEEC002B - Source and purchase material/parts for installation or service jobs

UEENEEC003B - Provide quotations for installation or service jobs

UEENEEC010B - Deliver a service to customers

UEENEE001B - Use basic computer applications relevant to a workplace

Electives:

Note: These are a selection of the CET's recommended electives that should be able to be claimed under RPL by the experienced Electrical Worker but the situation needs to be discussed with the CET staff

UEENEEF002B - Lay and connect cables for multiple access to telecommunication services

UEENEEG007B - Select and arrange equipment for general electrical installations

UEENEEE008B - Lay wiring and terminate accessories for extra-low voltage circuits

UEENEEE005B - Fix and secure equipment

UEENEEC004B - Prepare specifications for the supply of materials and equipment for Electrotechnology projects

UEENEEC005B - Estimate Electrotechnology projects

UEENEE007B - Develop, enter and verify programs for PLC's using ladder instruction set

UEENEEE014B - Supervise and coordinate work activities

UEENEEE021B - Plan an integrated cabling system

Course Requirements

All applicants must hold a current WA Electricians Licence endorsed with no restrictions. In addition, applicants must also have a working knowledge of both written and spoken English.

Course Duration

6 days (50 hours) - Full Time

Certification and Assessment

Upon successful completion of the Units the student will be provided with a Certificate IV in Electrical-Photovoltaic Systems Qualification.

Course Materials

Participants are required to obtain the following material from the CET Jandakot prior to course commencement:

Grid-Connected Photovoltaic Systems Design and Installation by G.Stapleton, S.Garrett, S. Neill and Belinda McLean, published by Global Sustainable Energy Solutions Pty Ltd. - \$120.00

Cancellation Policy

8 days or more prior to course commencement	100% fee refund
2 to 7 days prior to course commencement	90% fee refund
1 day or less prior to course commencement	Nil fee refund

Course Fees

Subsidised course fees may be available to persons currently working in the building and construction industry or unemployed persons who have worked in that trade in the previous 6 months.

The fee subsidy does not apply to persons working in the security and mining industries and government employees.

Please refer to the course registration form for current subsidised and non-subsidised course fees. To be eligible for subsidised course fees students must sign the 'Fee Subsidy Declaration' on the course registration form.

Both the Work History Form and a Credit Card Authority Form for payment can be downloaded from our website.

How to Enrol

Complete the attached course registration form and return the document to the College of Electrical Training together with your payment of course fees.

Skills Recognition

Our Skills Recognition process benefits students who have achieved prior training skills or knowledge and applies to Skills Recognition, Recognition of Prior Learning (RPL), Credit Transfer, Advanced Study or Exemption.

If you believe you are entitled to any of the abovementioned we encourage you to fill out the Application Form for Skills Recognition, which is available from our administration team. Your application will be assessed on an individual basis.

Should you have any queries please do not hesitate to contact:

Jandakot Campus

Phone: (08) 9417 8166 Email: admin21@cet.asn.au

Registration Form - Certificate IV in

Electrical - Photovoltaic Systems:

Where did you find out about the CET?

Surname _____
First Name _____
Date of Birth ____/____/____
Private Address _____
Suburb _____ Postcode _____
Telephone _____
Mobile _____
E-mail _____
Facsimile _____
Company _____
Company Address _____
Company Ph No. _____
Course Date _____
EW number _____

Evidence of Electrical Worker's Licence must be provided in order to confirm enrolment on this course.

Course Fees—Fees are subject to change

Non Subsidised Fee	\$ 1100.00
Subsidised Fee	\$ 340.00

Work History Form MUST be filled out and submitted if paying the Subsidised Fee

Registration on this course is subject to receiving payment of course fees. Under no circumstances will registration without payment entitle you to a position.

Please find enclosed my cheque / money order / credit card authority / company purchase order payable to the CET for \$ _____

Paid by (if other than student, please provide name and address details) _____

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Systems Subsidy Declaration:

FEE SUBSIDY DECLARATION

I _____
(full name)
(please tick)
 Am currently working in the building & construction industry
 Am currently unemployed and have worked in the building & construction industry in the past 6 months

Please note: If the CTF declines this subsidy application you will be required to pay the full (non subsidised) fee immediately - persons working in the mining industry, for the government or the armed service are not eligible for the subsidy.

Name of Employer _____
(required to claim the fee subsidy)

(Signature) (Date)

NOTE: The CTF subsidy reduces the student fee by up to 80%.



The Supplementary Skills Program is subsidised by the Construction Training Fund Board and we would like to acknowledge the Board's continued support of skills development in the building and construction industry.

Please forward with your payment to:
See address details on front page

