



STUDENT INFORMATION GUIDE

Skills Maintenance Course in

Electrical Trade Principles

for Qualified Overseas Electricians

About Future Skills

Future Skills is an industry owned and operated registered training organisation, specialising in electrical and work health and safety training in Australia. Our subsidiary company Future Skills International is approved by Trades Recognition Australia to provide skills assessment services for qualified overseas electricians.

About this Program

This is a one (1) day skills maintenance course in electrical trade principles designed for qualified overseas electricians who are seeking to have their skills assessed.

Pre requisites

Participants should hold an existing electrical qualification from their country of origin and/or have at least seven (7) years' experience in industry working as an electrician and have passed the documentation review stage for an Offshore Technical Skills Record (OTSR) with Future Skills International.

Training Program

This course provides a review of the following topics:

- Work health and safety and electrical safety concepts
- Electrical circuitry diagrams and basic switching
- Electrical equations such as Ohm's law, calculating resistance, capacitance, impedance and reactance
- Voltage drop
- Power factor
- Motor control concepts
- Motor starters
- Motor fault finding
- Transformers
- Switchboard fundamentals
- Checking and Testing Installation work

The course is made up of a combination of theory, discussion and small group activities, focusing on underpinning electrical trade principles.

Course Outcomes

Completion of this course is not a mandatory component of seeking an Offshore Technical Skills Record (OTSR).

It is designed to help participants to review their underpinning trade knowledge and principles only.

Participants will receive a Statement of Completion at the end of this course.

Cost

The cost of this course is \$900AUD (GST inclusive).