Partnerships for Learning

Electro Technology Pathways

Certificate II in Electronics

Course Description

Students will complete competencies and skills related to the electro technology industry. The skills are relevant to a range of areas under the umbrella of electro technology including air conditioning, electrical, refrigeration, data communications, security systems, electronics and engineering, computer systems, instrumentation, and plumbing.

Benefits for students

- Increase student’s awareness of employment opportunities
- Develop work ready skills including undertaking white card, work placement and OHSW
- Develop skills that could lead to apprenticeships or employment
- Provide skills that are applicable for university pathways

Pre-Course Experiences/Pre-requisites

No pre-requisites to study this qualification, however, suitable for students:

- In year 11 and 12
- Interest in pursuing career pathway in the Electro Technology Industry

Structured Work Placement

Students must undertake 2 (80hrs or the equivalent) weeks of Structured Workplace Learning. Please note you may be required to undertake this during school holidays.

Course Code: UEE21911 – RTO: PEERVEET

<table>
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<tr>
<th>Unit Code</th>
<th>Unit Description</th>
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<tbody>
<tr>
<td>UEEENEE101A</td>
<td>Apply Occupational Health and Safety regulations, codes and practices in the workplace.</td>
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<tr>
<td>UEEENEE102A</td>
<td>Fabricate, assemble and dismantle utilities industry components</td>
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<tr>
<td>UEEENEE104A</td>
<td>Solve problems in dc circuits</td>
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<tr>
<td>UEEENEE137A</td>
<td>Document and apply measures to control OHS risks associated with electro technology work.</td>
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<tr>
<td>UEEENEEH102A</td>
<td>Repair basic electronic apparatus faults by replacement of components</td>
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<tr>
<td>UEEENEEK142K</td>
<td>Apply environmentally and sustainable energy procedures in the energy sector</td>
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<tr>
<td>UEEENEE038B</td>
<td>Participate in development and follow a personal competency development plan</td>
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<tr>
<td>UEEENEC001B</td>
<td>Maintain Documentation</td>
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<tr>
<td>UEEENEEA101A</td>
<td>Assemble electronic components</td>
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<tr>
<td>UEEENEEA102A</td>
<td>Select electronic components for assembly</td>
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<tr>
<td>UEEENEE107A</td>
<td>Use drawings, diagrams, schedules, standards, codes and specifications</td>
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<tr>
<td>UEEENED101A</td>
<td>Use computer applications relevant to a workplace</td>
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Special Requirements

Dress Code/Extra Clothing

Required/Equipment:

- Will be provided with a high-vis shirt
- Must wear closed in shoes.
- May be required to wear steel capped boots on work experience.
- Required to bring with them a scientific calculator, small pocket sized hard cover notebook, an exercise book A4 and a folder to keep their work in every day.

Career Pathways

- Apprenticeships in: Refrigeration Mechanical, Electrical, Plumbing, Electronics, Security, Telecomms
- Direct Employment
- TAFE Diplomas
- University Degrees
- Defence Industries

Commencement Date: Term 1 – Week 2

Length of Course: Full Year

Please note there will be TWO possible day workshops during the July and/or October schools holidays to assist students to complete units.

Day: Tuesday

Time: 8:00am to 4:00pm

Location: GGHS Trade Training Centre

Class Size: Min: 10 to Max: 18

SACE Credits: Stage 2 – 50 min – 50 max

Cost (Per student): $1750

An appointment with the VET Coordinator or Counsellor in your school is required to enrol in this course.

Please Note: to the knowledge of the school providing this NEVO VET Course, information is correct at the time of publication.