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|--------------------------------|----------------------------|---|
| <b>Course Code &amp; Name:</b> |                            | <b>Certificate II in Electrotechnology Studies (Pre-Vocational) (Specialising in Electrical) 22499VIC</b><br><br>Subject to change in 2020  |
| <b>Course Aims:</b>            |                            | A state accredited curriculum that offers students the opportunity to develop their skills and knowledge across a range of electrical sectors, including electrical, electronics, refrigeration and mechanical engineering.<br>This hands-on pre-apprenticeship will give you a broad understanding of the electrical industry, learning how to use tools, electrical wiring and equipment of the trade.<br>On completion of this Certificate II pre-apprenticeship, you will receive a White Card enabling you to work safely on a building site. This will give you a better standing when applying for an apprenticeship with an employer. |
| <b>Course Delivery</b>         | <b>Location and Times:</b> | <b>Year 1:</b> Box Hill Institute, Elgar Campus – 465 Elgar Road, Box Hill<br>Wednesday 1:30pm-5-30pm<br>Box Hill Institute, Lilydale Lakeside Campus – 1, Jarlo Dr, Lilydale<br>Wednesday 1:30pm-5:00pm<br><b>Year 2:</b> Box Hill Institute, Elgar Campus – 465 Elgar Road, Box Hill<br>Wednesday 1:30pm-5-30pm<br>Box Hill Institute, Lilydale Lakeside Campus – 1, Jarlo Dr, Lilydale<br>Wednesday 1:30pm-5:00pm  |
|                                | <b>Mode of Delivery:</b>   | Classroom/workshop based  |
|                                | <b>Duration:</b>           | 2 years' part time  |

### On successful completion of this program the student will achieve:

|                                |                       |  |
|--------------------------------|-----------------------|--|
| <b>Credit towards VCE/VCAL</b> | <b>VCE:</b>           | On successful completion of this program, you will be eligible for: <ul style="list-style-type: none"> <li>• Recognition of three units at Units 1 and 2 level and a Unit 3 and 4 sequence</li> <li>• Students who receive a Units 3 and 4 sequence for VCE VET Electrical Industry will be eligible for an increment towards their ATAR (10% of the lowest of the primary four scaled studies).</li> <li>• The VCE VET Electrical Industry program does not offer scored assessment.</li> </ul> |
|                                | <b>VCAL:</b>          | This program contributes to the Industry Specific Skills Strand of VCAL.   |
|                                | <b>Qualification:</b> | A Victorian recognised qualification: <b>22216VIC - Certificate II in Electrotechnology (Pre-Vocational)</b>   |

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| <b>Additional Requirements/ Information:</b> | <b>Name of RTO &amp; Provider of Qualification:</b> | Box Hill Institute<br>RTO: 4687  |
|  | <b>RTO Student Information:</b>                     | Please refer to <a href="http://www.boxhill.edu.au/for-students/student-information/">http://www.boxhill.edu.au/for-students/student-information/</a> and <a href="http://www.mullumvetcluster.com.au">www.mullumvetcluster.com.au</a> for student rights and responsibilities whilst on campus. |
|  | <b>OHS / Personal Protective Equipment:</b>         | P.P.E (Personal Protection Equipment) required.<br>Boot, overalls, safety glasses.   |
|  | <b>Excursions:</b>                                  | NA   |
|  | <b>Work Placement:</b>                              | The VCAA strongly recommend 80 hours of structured workplace learning (SWL) placement over the duration of the program.  |
|  | <b>Other:</b>                                       | <b>Please note:</b>  |

- This course is subject to change.
- This course can only be completed as part of your secondary school studies in years 11 and 12.

## Units of Competency:

Year 1: Competencies covered in the first year:

| Unit Code    | Unit Name  | Nominal Hours | Compulsory / Elective |
|--------------|--|---------------|-----------------------|
| CPCCOHS1001A | Work safely in the construction industry   | 6             | C                     |
| HLTAID002    | Provide basic emergency life support   | 12            | C                     |
| UEENEEE101A  | Apply occupational health and safety regulations, codes and practices in the workplace | 20            | C                     |
| UEENEEE102A  | Fabricate, assemble and dismantle utilities industry components                        | 40            | C                     |
| UEENEEE105A  | Fix and secure electrotechnology equipment   | 20            | C                     |
| UEENEEE130A  | Provide solutions and report on routine electrotechnology problems                     | 60            | C                     |
| UEENEEE142A  | Produce products for carrying out energy sector work activities                        | 80            | C                     |

Year 2:

| Unit Code          | Unit Name   | Nominal Hours | Compulsory / Elective |
|--------------------|---|---------------|-----------------------|
| UEENEEE148A        | Carry out routine work activities in an energy sector environment                               | 40            | C                     |
| UEENEEE179A        | Identify and select components, accessories and materials for energy sector work activities     | 20            | C                     |
| UEENEK112A         | Provide basic sustainable energy solutions for energy reduction in residential premises         | 40            | E                     |
| UEENEEP024A        | Attach cords and plugs to electrical equipment for connection to a single phase 230 volt supply | 20            | E                     |
| UEENEEE103A        | Solve problems in ELV single path circuits  | 40            | C                     |
| UEENEEE141A        | Use of routine equipment/plat/technologies in an energy sector environment                      | 60            | E                     |
| <b>Total hours</b> |   | <b>458</b>    |                       |

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|--|--|---|
| <b>FUTURE PATHWAYS &amp; OPPORTUNITIES</b> | <b>Complementary studies:</b>                | <ul style="list-style-type: none"> <li>• TBA</li> </ul>   |
|  | <b>Pathways:</b>                             | <ul style="list-style-type: none"> <li>• Certificate III (Apprenticeship) in your chosen field</li> <li>• Certificate III in Electrotechnology</li> <li>• Certificate III in Appliance Service</li> </ul> |
|  | <b>Possible Future Career Opportunities:</b> | <ul style="list-style-type: none"> <li>• Apprentice Electrician</li> </ul>  |



# trade