

### Program Description:

This qualification will enable the successful applicant to work within the automotive trade to be classed as an Auto Electrician. As an Auto Electrician your job description would be to diagnose and repair all aspects of both early and modern vehicle electronics, wiring, lighting, electronic fuel management systems, body control components, stationary and power equipment and motors, recreational vehicles and caravan electrics. You will learn to diagnose and repair charging circuits and starting circuits and their major components.

International Students can build a career in the Automotive industry. International candidates who worked in the Automotive field may apply for RPL.

### Delivery Method:

Delivery is by classroom delivery, assignments and industry assessment. Competencies will be assessed by a theory test, practical skills and projects. Course is delivered onsite at our Brisbane Campus which includes: Classrooms, workshops.

### Employment opportunities:

Employment in automotive areas may include auto electrical fault finding and repair within dealerships, auto electrical workshops and motor mechanical workshops.

### Teaching Facilities and Equipment

Information technology (computers) - job-related software for teaching-learning, computer disk drive, and USB ports • overhead projectors • TV/Video recorder, video camera, digital camera • classrooms, tables, chairs • tools of trade • whiteboards.

Fully fitted Mechanical Automotive Workshop – includes all mechanical tools, hoists, jacks, testing equipment, repair equipment,

### Entry Requirements:

Completed year 10 or have a job in the trade. International students may enter the course with 5.0 IELTS score. English support classes are available.

### Program Resources:

Students will be supplied with protective clothing, stationery, textbooks, safety boots and other items needed for the course. These costs are included in the tuition fees and no further charges will be incurred.

### Learning pathways:

On successful completion of this course, graduates may consider further study at a higher tertiary level within the vocational education and training sector. You may consider studying the Cert 4 or the Diploma of Automotive. University study may include Mechanical Engineering.

### Start Dates:

Jan, April, June, September or enquire at InTech on next start dates

### Duration: 78 Weeks

### International Student fees;

**\$18 000.00**, Inclusive of:

Course resources such as materials, textbooks, learning guides, logbooks, initial stationery; and Initial supply of clothing items to safely undertake study.

## International Students

There are specific requirements for international students. Please refer to the InTech website under international students for information regarding:

1. Conditions of enrolment
2. Visa process
3. Refund Policy
4. Protection of prepaid fees
5. Complaints and appeals
6. Student handbook
7. And other critical information

Should you require specific information, please do not hesitate to contact us via email at [admin@intech.edu.au](mailto:admin@intech.edu.au)

For further info on ESOS please refer to: <http://www.aei.gov.au> and click on ESOS Framework

Every international student is required to attend the International Student Orientation where you will be provided with information about attendance and academic performance requirements as per The National Code 2007.

Assistance is available from Student Services in a range of areas including:

- Assistance with writing assignments, exam preparation, time management and general study skills
  - Personal counselling from trained and qualified counsellors
  - Career counselling offers prospective and enrolled students advice on a career pathway. Career testing is also available, providing students with guidance on a career path that may suit them.
- Student Services also offers disability support, indigenous students support and international student support.

## Recognition of Prior Learning:

Provides students an opportunity to have their current skills and competencies recognised. These skills and competencies may relate to units you are about to commence and as a result can exempt you from studying these units. However, there is a cost related to obtaining Recognition of Prior Learning. The process requires students to gather evidence confirming their competency. A content specialist will advise you in this task. Enquire if you think you qualify.

If the education provider grants an overseas student RPL, it may impact on student visa conditions through a shortening of the student's course

## Program Recognition

Your qualifications are recognized nationally under the Australian Qualifications Framework (AQF).

## Topics covered

Electrical circuits  
Maintenance and services procedures  
First Aid Workplace  
safety Tools and  
equipment  
Batteries and Charging, Service batteries  
Electrical fundamentals  
Repair and service ignitions  
Repair and service starting systems  
Repair and service Electronic Management  
Systems  
Electrical Circuits and Assemblies  
And many more Electrical areas

## Enrolment Process:

Enquire at InTech for a general student handbook, course profile, entry conditions, classroom place availability and fee arrangement at:  
28 Russell Street, Brisbane, Queensland, Australia

Tel: +61 7 38467774

Email: [admin@intech.edu.au](mailto:admin@intech.edu.au)

Web: [www.intech.edu.au](http://www.intech.edu.au)

## Course Information

### AUR30308 Certificate III in Automotive Electrical Technology

|                                      |  |
|--------------------------------------|--|
| <b>Qualification Title</b>           | Certificate III in Automotive Electrical Technology  |
| <b>Qualification Code</b>            | AUR30308   |
| <b>Qualification Packaging Rules</b> | <p><b>28</b> units of competence at levels 2, 3 or 4 are required to complete this qualification within the specific requirements as outlined below;</p> <p><i>Note: a maximum of 13 units of competence may be at level 2 and a maximum of 2 units of competence may be at level 4</i></p> <ul style="list-style-type: none"><li>o <b>5</b> compulsory units plus</li><li>o <b>17</b> Technical Inventory units which must include ;<ul style="list-style-type: none"><li>- 9 Electrical Ancillary Systems and Accessories cluster – <b>Electrical</b> group plus</li><li>- 6 Electrical Ancillary Systems and Accessories cluster – <b>Electronic</b> group plus</li></ul></li><li>o <b>6</b> units from the Retail, Service and Repair or any endorsed training package that meet the needs of the enterprise</li></ul> |

The following units of competence are compulsory:

AURC270103A Apply safe working practices

AURE224008A Carry out soldering of electrical wiring/circuits

AURE320666A Repair ignition systems

AURT366108A Carry out diagnostic procedures

AURT271781A Implement and monitor environmental regulations in the automotive mechanical industry

#### **TWO**

17 units of competence from the Technical Inventory which must include:

- 9 units of competence from the Electrical Ancillary Systems and Accessories cluster - Electrical group
- 6 units of competence from the Electrical Ancillary Systems and Accessories cluster - Electronics group

#### **Electronics**

To use this descriptor the following must be included when selecting units of competence as specified in are **TWO**: a minimum of 9 units of competence from the Electrical Ancillary Systems and Accessories cluster - Electronics group.

## AUR30308 Certificate III in Automotive Electrical Technology

### Training Sequence of Units

#### Core

|   |             |   |  |
|---|-------------|---|--|
| 1 | AURC270103A | Apply safe working practices  |  |
| 2 | AURE224008A | Carry out soldering of electrical wiring/circuits                                     |  |
| 3 | AURT366108A | Carry out diagnostic procedures   |  |
| 4 | AURT271781A | Implement and monitor environmental regulations in the automotive mechanical industry |  |
| 5 | AURE320666A | Repair ignition systems   |  |

#### Electrical Group

|   |             |  |  |
|---|-------------|--|--|
| 1 | AURE218676A | Test, service and charge batteries                             |  |
| 2 | AURE218708A | Carry out repairs to single electrical circuits                |  |
| 3 | AURE318866A | Repair electrical systems                                      |  |
| 4 | AURE319166A | Repair charging systems  |  |
| 5 | AURE319266A | Repair starting systems  |  |
| 6 | AURE219431A | Install test and repair electrical security systems/components |  |
| 7 | AURE219531A | Install ancillary electrical components                        |  |
| 8 | AURE218664A | Remove and replace electrical/electronic units/assemblies      |  |
| 9 | AURE219331A | Install, test and repair low voltage wiring/lighting systems   |  |

|   |             |  |  |
|---|-------------|--|--|
| 1 | AURE321066A | Repair electronic systems  |  |
| 2 | AURE321171A | Service and repair electronic spark ignition engine management systems       |  |
| 3 | AURE321271A | Service and repair electronic drive management systems                       |  |
| 4 | AURE321371A | Service and repair electronic body management systems                        |  |
| 5 | AURE321471A | Service and repair electronically controlled anti-lock braking systems       |  |
| 6 | AURE321571A | Service and repair electronically operated traction control system           |  |
| 7 | AURE321671A | Service and repair electronically operated stability control systems         |  |
| 8 | AURE321771A | Service and repair electronic compression ignition engine management systems |  |
| 9 | AURE311666A | Repair electric braking systems  |  |

|   |             |  |  |
|---|-------------|--|--|
| 1 | AURE319245A | Overhaul starting motors                       |  |
| 2 | AURE318966A | Repair instruments and warning systems         |  |
| 3 | AURC465349A | Prepare written repair quotation               |  |
| 4 | AURT270278A | Use and maintain workplace tools and equipment |  |
| 5 | AURC270789A | Communicate effectively in the workplace       |  |