



## AUR30316 CERTIFICATE III IN AUTOMOTIVE ELECTRICAL TECHNOLOGY

### COURSE OUTLINE

This qualification reflects the role of individuals who service, diagnose and repair electrical systems and components in vehicles in the automotive electrical service and repair industry

WesTrac's AUR30316 Certificate III in Automotive Electrical Technology can be undertaken through an Apprenticeship program or as part of the Trade up Grade Program – this program is for those currently employed in the construction or mining industries who are wishing to upskill from Light Vehicle or Mobile Plant Technology.

Recognition of prior learning (RPL) and Credit Transfers (CT) are offered through both programs.

### DURATION

This course is run over an average of 48 months for apprenticeship program and 18 months for the trade upgrade program  
This duration may be reduced depending on your Credit Transfers and RPL for the qualification.

### QUALIFICATION

Successful participants will receive a Nationally Recognised Certificate - AUR30316 Certificate III in Automotive Electrical Technology

### FEES

Apprenticeship Enrolment fee is free under Smart and Skilled there may be a resource fee applicable, this will be confirmed before enrolment.

Trade Up grade if eligible for a Smart and Skilled Subsidy, the maximum fee for this qualification is \$2,900.00 (NO GST)\*  
\*Price dependent on Smart and Skilled subsidy and concession eligibility.

### SMART AND SKILLED INFORMATION:

This training is subsidised by the NSW Government via the Smart and Skilled Reform. For more information on Smart and Skilled subsidies, fees and eligibility please see:

[www.smartandskilled.nsw.gov.au](http://www.smartandskilled.nsw.gov.au)

**Please press here to see the Smart and Skilled Fee Administration Policy.**

### TERMS, CONDITIONS AND STUDENT INFORMATION:

For our Terms and Conditions, Fee information, Student Handbook and other Student information, please see our website [www.westrac.com.au](http://www.westrac.com.au).

To enquire please contact WesTrac Institute on **02 4964 5228** or email [institutenswact@westrac.com.au](mailto:institutenswact@westrac.com.au)

**DO MORE**

Call (02) 4964 5228

Visit [WesTrac.com.au](http://WesTrac.com.au)

# TRAINING PLAN

| <b>AUR30316 Certificate III in Automotive Electrical Technology</b>                          |  |
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| <b>Core Units (20)</b>   |  |
| AURAEA002  | Follow environmental and sustainability best practice in an automotive workplace |
| AURASA002  | Follow safe working practices in an automotive workplace                         |
| AURETK002  | Use and maintain electrical test equipment in an automotive workplace            |
| AURETR006  | Solder electrical wiring and circuits  |
| AURETR007  | Apply knowledge of automotive electrical circuits and wiring systems             |
| AURETR009  | Install vehicle lighting and wiring systems                                      |
| AURETR010  | Repair wiring harnesses and looms  |
| AURETR012  | Test and repair basic electrical circuits  |
| AURETR023  | Diagnose and repair spark ignition engine management systems                     |
| AURETR024  | Diagnose and repair compression ignition engine management systems               |
| AURETR025  | Test, charge and replace batteries and jump-start vehicles                       |
| AURETR027  | Install ancillary electronic systems and components                              |
| AURETR028  | Diagnose and repair instruments and warning systems                              |
| AURETR029  | Diagnose and repair charging systems   |
| AURETR030  | Diagnose and repair starting systems   |
| AURETR031  | Diagnose and repair ignition systems   |
| AURETR032  | Diagnose and repair automotive electrical systems                                |
| AURETR035  | Apply knowledge of petrol and diesel engine operation                            |
| AURETR043  | Diagnose and repair electronic body management systems                           |
| AURTTA018  | Carry out diagnostic procedures  |
| <b>Elective Units (12)</b>   |  |
| AURHTZ001  | Diagnose and repair heavy vehicle emission control systems                       |
| AURTTA004  | Carry out servicing operations   |
| AURTTA005  | Select and use bearings, seals, gaskets, sealants and adhesives                  |
| AURTTA006  | Inspect and service hydraulic systems  |
| AURTTTC003   | Diagnose and repair cooling systems  |
| AURTTK002  | Use and maintain tools and equipment in an automotive workplace                  |
| AURTTE004  | Inspect and service engines  |
| AURETR044  | Diagnose and repair integrated engine and transmission management systems        |
| Plus 4 other elective units which can be imported, credit transferred or applied for via RPL |  |

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