



UPSKILLING COURSE

Course Overview

This course is for individuals with existing automotive technology skills and knowledge, who work in automotive mechanical or electrical technical contexts, and who are looking to upskill in the area of Battery Electric Vehicles (BEV) or to obtain credits towards the AUR32721 Certificate III in Automotive Electric Vehicle Technology qualification.

This course addresses the skills and knowledge to diagnose and repair BEV systems for a range of purposes required in an automotive retail, service and repair industry context.

Please note this is an advanced course for BEV.

Entry Requirements/Eligibility

This course is available only to those who have:

- successfully completed MTA WA Training's Battery and Hybrid Electric Vehicle Training - Inspection and Servicing, or
- successfully completed the AURSS00064 Battery Electric Vehicle Inspection and Servicing Skill Set with any registered training provider and hold unit AURETR125 Test, charge and replace batteries and jump-start vehicles.

Participants must also hold a valid ARC Licence: AAC02 - Automotive Air Conditioning Licence.

Learning Outcomes

This course comprises the following units of competency:

Unit Code	Title
Advanced Battery Electric Vehicle Training - Diagnose and Repair	
AURETH104	Diagnose and repair traction motor speed control systems in battery electric vehicles
AURETH105	Diagnose and repair high voltage traction motors in battery electric vehicles
AURETH106	Diagnose and repair auxiliary motors and associated components in battery electric vehicles
AURETH108	Diagnose and repair HVAC and rechargeable energy storage cooling systems in battery electric vehicles
AURETH109	Diagnose and repair DC to DC converters in battery electric vehicles

Duration

MTA WA Training's BEV program is delivered in its entirety over a five-day course that combines classroom-based learning with practical tasks and assessments in a fully equipped workshop setting.

Mode of Delivery

The learner is required to understand electrical principles and automotive technology as electrical fundamentals are only revised during the training delivery. The course will involve theory delivery in the classroom and demonstration of tasks in the workshop. Assessment will involve completing assessment tasks in the workshop and completing a knowledge test, which requires a pass mark of 100%.

Resources Required

Learners are expected to provide minimum personal protective equipment (work clothing, safety glasses and rubber soled safety boots that meet Australian Safety Standards AS 2210.3) and are encouraged to bring their own test equipment or special PPE, as long as it meets MTA WA Training's requirements.

Course Fees

MTA WA Members	\$2630.00
Non-members	\$2930.00

The total course fees are indicative only and are subject to change given individual circumstances at enrolment. Additional fees may apply.

All learners are treated equitably, having regard to their particular needs, in order to ensure the provision of every reasonable opportunity for the learner to acquire the competencies of the qualification.

Special requirements

Due to the high voltage and potentially dangerous nature of the work, learners with severe twitches or impaired fine motor skills must assess their suitability to enrol in the course. Learners with pacemakers or other medical devices, or any condition that can be affected by the powerful magnets within an EV, as per AS 5732:2022 (Sect. 2.1) are not suitable to attend this course.

Skill Set Recognition

Upon request at the time of enrolment, and if eligible, participants may be issued the AURSS00063 Battery Electric Vehicle Diagnose and Repair Skill Set as part of the training outcome.

Please contact us for further details and to discuss your eligibility.

Please contact our Registered Training Organisation for more information

website: www.mtawa.com.au | phone: (08) 9233 9850 | email: studentinfo@mtawa.com.au

