

# CERTIFICATE IV IN MOTOR SPORT TECHNOLOGY

AQF CODE N/A | COURSE CODE AUR40320 | COURSE TYPE Qualification | RTO 3097

## Overview

The Certificate IV in Motor Sport Technology AUR40320 is designed for students who have either completed the Certificate III in Motor Sport Technology AUR30916 or AUR30920, or have completed another Mechanical qualification, such as Light Vehicle Mechanic or similar.

This program develops more advanced technical skills in preparation for a successful career in the industry. Theory (classroom activity) is consolidated with 'hands-on' workshops and trackside experience with a range of MTA equipment including a V8 Supercar, Formula Ford, karts, a speedway car and other vehicles from our partner organisations.

Students enrolling in this course **MUST** also enrol in [AUR40820 Certificate IV in Automotive Mechanical Overhauling](#)

## Duration

ON-CAMPUS, FULL-TIME: 10 MONTHS

## Requirements

You need to have completed the (AUR30916 or AUR30920) Certificate III in Motorsport Technology.

## Field Placement

Students may be eligible to undertake placements that are organised by Motorsports Training Australia. These placements are with our industry and racing partners, and enable students to get a real-life, real-work feel for their chosen career. As an example, in 2023 these placements were conducted across multiple racing categories and vehicle classes.

## Assessment

The assessments will enable students to demonstrate the underpinning knowledge, skills and attributes required to meet the course outcomes. A range of assessment strategies to meet different student's needs will be selected, including reports, tests, practical assessments of your abilities, placement assessments and demonstrations.

## Other Information

As is the nature of the motorsports industry and race meets, you will be required to do placements (and perhaps extra work for racing teams) on weekends.

This could also be a stepping stone into an engineering career by taking up further study opportunities via university and possibly gaining recognition of prior learning. Should you change your mind, after completing this qualification the vast majority of your study will be complete already should you wish to undertake a general auto mechanic apprenticeship.

## Learning Outcomes

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- Vehicle setup including the selection of wheels, tyres, spring rates and aerodynamic settings
- Shock absorber and engine testing using a dynamometer.
- Overhauling assemblies such as engines, transmissions and brakes

## Compulsory Units

AURMKA001 - Manage motor sport data

AURMMA102 - Manage the preparation of motor sport competition vehicles

AURMTA008 - Apply aerodynamic and vehicle dynamic principles and effects to competition vehicles

AURMTD001 - Test suspension dampers using a dynamometer

AURMTD002 - Prepare competition vehicle suspension

AURMTJ001 - Select and prepare motor sport competition vehicle tyres and wheels

AURTTF106 - Diagnose and repair petrol carburettor systems

AURTTX008 - Overhaul manual transmissions

AURTTX009 - Overhaul automatic transmissions

BSBWHS411 - Implement and monitor WHS policies, procedures and programs

## Certification

By successfully completing this course you will receive an AQF Qualification

## Careers

- Mechanic
- Mechanical engineering assistant
- Motorsports mechanical assistant

## Fees

2025	Tuition	Materials	Total
Government Funded	\$1,500	-	<b>\$1,500</b>
Concession	\$300	-	<b>\$300</b>
Full Tuition	\$5,400	-	<b>\$5,400</b>

## Fees Additional Information

The student tuition fees published are indicative only and can be subject to change given individual circumstances at the time of enrolment.

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Funding made available to eligible individuals by State and Commonwealth Governments. If funding is utilised, this may affect future opportunities to access additional funding in the future. For more information see 'Fee information and eligibility' under the Enrol Now tab on the Wodonga TAFE website.