

CERTIFICATE III IN MOTOR SPORT TECHNOLOGY

AQF CODE N/A | COURSE CODE AUR30920 | COURSE TYPE Qualification | RTO 3097

Overview

Most racing teams see this qualification - and studying with Motorsports Training Australia - as the minimum point of entry into the industry. Many of our graduates have achieved excellent employment outcomes in the motorsports industry after they have completed this certificate. You learn to inspect and service engines and suspension systems, cooling systems, and clutch assemblies. You also learn how to repair and service manual transmissions, braking systems, final-drive assemblies, and steering and suspension systems. Repairs to ignition, engine, and management systems are also encompassed in the duties of the mechanic. You will learn racetrack experiences, discuss problems with drivers and users to discover faults and carry out your own diagnostic procedures.

As part of the program you will also learn computer aided drawing, CNC machining, welding, hand and power tools to provide the broad grounding of skills and knowledge to enter the Motorsport workplace.

Motorsport students in the first year program will be admitted and enrolled into two courses:

- Certificate III in Motor Sport Technology (AUR30920)
- [Motorsport Engineering Course \(A2MOTOREC1\)](#)

[Check out our Motor Sports Training Workshop here!](#)

Duration

Full-time: 10 months

Requirements

While it isn't a regulatory requirement, students should be at least 17 years of age. This is a demanding but hugely rewarding course, and as most of our students are not local, many of them relocate to the Wodonga area and subsequently live out of home for the first time.

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 work experience with racing teams) on weekends.

Learning Outcomes

- Service and repair engines and suspension systems, cooling systems, and clutch assemblies

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- Repair and service manual transmissions, braking systems, hydraulic systems, final-drive assemblies, and steering and suspension systems
- Repairs to ignition, engine, and management systems are also encompassed in the duties of the mechanic
- Discuss problems with drivers and users to discover faults and carry out your own diagnostic procedures
- Learn what it takes to be successful in the motorsports industry and get valuable exposure
- 3-dimensional computer-aided drawing (CAD)

Compulsory Units

AURAEA002 - Follow environmental and sustainability best practice in an automotive workplace

AURETD101 - Diagnose and repair electronically controlled steering systems

AURETK003 - Operate electrical test equipment

AURETR010 - Repair wiring harnesses and looms

AURETR112 - Test and repair basic electrical circuits

AURETR123 - Diagnose and repair spark ignition engine management systems

AURETR125 - Test, charge and replace batteries and jump-start vehicles

AURETR129 - Diagnose and repair charging systems

AURETR130 - Diagnose and repair starting systems

AURETR131 - Diagnose and repair ignition systems

AURETR132 - Diagnose and repair automotive electrical systems

AURLTB103 - Diagnose and repair light vehicle hydraulic braking systems

AURLTD105 - Diagnose and repair light vehicle suspension systems

AURLTD106 - Carry out light vehicle wheel alignment operations

AURLTE102 - Diagnose and repair light vehicle engines

AURLTQ102 - Diagnose and repair light vehicle drive shafts

AURLTX101 - Diagnose and repair light vehicle manual transmissions

AURLTX103 - Diagnose and repair light vehicle clutch systems

AURMBA002 - Load and unload competition vehicles and support equipment

AURMDA002 - Assist with officiating duties at motor sport events

AURMMA007 - Follow motor sport event and team safety requirements

AURMMA101 - Operate in a motor sport environment

AURMMA108 - Coordinate operations of a motor sport team

AURMTA005 - Perform pit lane and service area operations at motor sport events

AURMTA006 - Perform torquing and fastening on motor sport competition vehicles

AURMTA007 - Conduct non-destructive testing

AURMTA102 - Assemble and prepare competition vehicles for motor sport events

AURMTA104 - Prepare competition vehicles at motor sport events

AURMTA109 - Collect and log motor sport data

AURMTS001 - Construct hose and pipe assemblies for competition vehicles

AURTTA118 - Develop and carry out diagnostic test strategies

AURTTT103 - Diagnose and repair cooling systems

AURTTD004 - Inspect and service suspension systems

AURTTE104 - Inspect and service engines

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AURTTF105 - Diagnose and repair engine forced-induction systems
MEM09003 - Prepare basic engineering drawing

Certification

By successfully completing this course you will receive a nationally recognised AQF Qualification

Careers

- Mechanic
- Motorsports mechanical assistant
- Mechanic apprenticeship with a motorsports team

Fees

2025	Tuition	Materials	Total
Government Funded	\$3,916	\$950	\$4,866
Concession	\$783	\$950	\$1,733
Full Tuition	\$10,845	\$950	\$11,795

Fees Additional Information

[A2MOTOREC1 Motorsport Engineering Course](#) (short course required as part of the total program) will incur additional fees at the time of enrolment.

The student tuition fees published are indicative only and can be subject to change given individual circumstances at the time of enrolment. 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 'Apply Now' tab on the Wodonga TAFE website.

Pathways

This could 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.