



CERTIFICATE III IN MOTOR SPORT TECHNOLOGY

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:

** AUR30920 Certificate III in Motor Sport Technology

** A2MOTOREC1 Motorsport Engineering units (short course required as part of the total program)

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

LEARNING OUTCOMES

- Service and repair engines and suspension systems, cooling systems, and clutch assemblies
- 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
 AURETR123 Diagnose and repair spark ignition engine management 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
 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
 AURETR010 Repair wiring harnesses and looms
 AURETR129 Diagnose and repair charging systems
 AURETR130 Diagnose and repair starting systems
 AURETR131 Diagnose and repair ignition systems
 AURLTX103 Diagnose and repair light vehicle clutch systems
 AURTTTC103 Diagnose and repair cooling systems
 AURTTD004 Inspect and service suspension systems
 AURTTTE104 Inspect and service engines
 AURTTTF105 Diagnose and repair engine forced-induction systems
 MEM09003 Prepare basic engineering drawing
 AURETR125 Test, charge and replace batteries and jump-start vehicles
 AURETK003 Operate electrical test equipment
 AURETR112 Test and repair basic electrical circuits
 AURETD101 Diagnose and repair electronically controlled steering systems
 AURETR132 Diagnose and repair automotive electrical systems

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.

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

DELIVERY METHODS

- On-campus – The majority of teaching and assessment is conducted on-campus

LOCATIONS

- Barnawartha North, Vic (Logic Campus)

DURATION

Full-time: 10 months

DELIVERY SCHEDULE

Days: Monday to Friday (5 days per week)

Time: 8am-4.30pm

FIELD PLACEMENT

Students 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 2019 these placements were conducted with various teams across Winton Motor Raceway's main event of the year, V8 Supercars. Every student was placed with a team, ranging from Touring Car Masters (TCM), Super 3, SuperUtes, Formula Ford and main series V8 Supercars.

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.

FEES

Government Funded \$3,812.50 (Tuition \$2,862.50, Materials \$950.00)

Concession \$1,522.50 (Tuition \$572.50, Materials \$950.00)

Fee For Service \$11,255.00 (Tuition \$10,305.00, Materials \$950.00)

FEES ADDITIONAL INFORMATION

A2MOTOREC1 Motorsport Engineering units (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.

HOW TO APPLY

Apply online now via the 'Apply now' button. If the course is not available for online application, register your details via the 'Enquire Now' form to be notified when future dates are scheduled, or to chat to our friendly Customer Experience team.

Please note: We reserve the right to close course intakes early. Many courses have limited places and high demand. Early applications are recommended. We reserve the right to cancel intakes and courses if there are insufficient student numbers.

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.

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.

WHEN YOU CAN ENROL

Enquire now to be informed when our 2025 applications open and our upcoming MTA Open Day!

WHEN YOU CAN START

Course starts January 2024.

INFORMATION SESSIONS

Motorsports Training Australia Open Day

Date & Time: Saturday 7 September 2024, 9am-1pm

Location: 45 Albertson Rd, Barnawartha North VIC 3691