



# 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 learn to discuss problems with drivers and users to discover faults and carry out your own diagnostic procedures. Further study is available in a Certificate IV or enter an apprenticeship in the Motorsports/auto performance industry or allied trades.

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

COST INCLUDES ENROLMENT IN FIRST YEAR COMPOSITES.

## 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  
AURETR023 Diagnose and repair spark ignition engine management systems  
AURLTD006 Carry out light vehicle wheel alignment operations  
AURMBA002 Load and unload competition vehicles and support equipment  
AURMDA002 Assist with officiating duties at motor sport events  
AURMMA001 Operate in a motor sport environment  
AURMMA007 Follow motor sport event and team safety requirements  
AURMMA008 Coordinate operations of a motor sport team  
AURMTA002 Assemble and prepare competition vehicles for motor sport events  
AURMTA004 Prepare competition vehicles at motor sport events  
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  
AURMTA009 Collect and log motor sport data  
AURMTS001 Construct hose and pipe assemblies for competition vehicles  
AURTTA018 Carry out diagnostic procedures  
AURTTB001 Inspect and service braking systems  
AURTTD004 Inspect and service suspension systems  
AURTTE004 Inspect and service engines  
AURTTQ003 Inspect and service drive shafts  
AURTTX002 Inspect and service manual transmissions  
AURETR029 Diagnose and repair charging systems  
AURETR030 Diagnose and repair starting systems  
AURETR031 Diagnose and repair ignition systems  
AURLTD005 Diagnose and repair light vehicle suspension systems  
AURLTX013 Diagnose and repair light vehicle clutch systems  
AURTTC003 Diagnose and repair cooling systems  
AURTTF001 Inspect and service petrol fuel systems  
AURVTW003 Carry out advanced gas metal arc welding on vehicle body sections  
AURVTW004 Carry out tungsten inert gas welding  
MEM07005C Perform general machining  
MEM12023A Perform engineering measurements  
MEM18001C Use hand tools  
MEM09003B Prepare basic engineering drawing  
MEM09009C Create 2D drawings using computer aided design system  
MEM16008A Interact with computing technology

### 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: 12 months

### DELIVERY SCHEDULE

Days: Monday-Friday | Time: 8am-4pm

### 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, we insist students are 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 \$3,601.25 (Tuition \$2,711.25, Materials \$890.00)

Concession \$1,432.25 (Tuition \$542.25, Materials \$890.00)

Fee For Service \$11,735.00 (Tuition \$10,845.00, Materials \$890.00)

### FEES ADDITIONAL INFORMATION

COST INCLUDES ENROLMENT IN FIRST YEAR COMPOSITES.

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.

### MATERIALS INCLUDED IN FEES

- Reference books
- Learning resources
- Uniforms
- Safety equipment
- Protective clothing
- Excursion

### HOW TO APPLY

Apply via the 'Apply online now' button in the course information page. If the course is not available for online application, you can download an enrolment form via the 'Apply Now' tab on our website. Alternatively, please feel free to contact our friendly Customer Engagement team on 1300 69 8233 or email [info@wodongatafe.edu.au](mailto:info@wodongatafe.edu.au)

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 extra work for 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

Register your interest for 2021!