



CERTIFICATE IV IN MOTOR SPORT TECHNOLOGY

OVERVIEW

In this second year of study (following the Certificate III in Motor Sport Technology AUR30916) you will achieve the Certificate IV in Motor Sport Technology AUR40316, which is supported by additional units of competency identified as valuable to the motorsports industry. 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.

LEARNING OUTCOMES

- 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

BSBWHS401 Implement and monitor WHS policies, procedures and programs to meet legislative requirements
AURMKA001 Manage motor sport data
AURMMA002 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
AURTTX009 Overhaul automatic transmissions
AURTTX008 Overhaul manual transmissions
AURTTF006 Diagnose and repair petrol carburettor 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 an AQF Qualification

CAREERS

- Mechanic
- Mechanical engineering assistant
- Motorsports mechanical assistant

DELIVERY METHODS

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

LOCATIONS

- Barnawartha North, Vic (Logic campus)

DURATION

ON-CAMPUS, FULL-TIME: 12 MONTHS

DELIVERY SCHEDULE

Monday-Friday | Time: 8am-4pm

FIELD PLACEMENT

Students are required 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 2015 these placements were conducted with Pedders Racing as MTA students saw to all maintenance both off-track and in pit lane throughout the Australian Manufacturers Championships Class D 2015 season (which we'll add, MTA students helped Pedders Racing take out the championship!).

REQUIREMENTS

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

FEES

Government Funded \$900.00 (Tuition \$900.00, Materials \$0.00)

Concession \$180.00 (Tuition \$180.00, Materials \$0.00)

Fee For Service \$6,000.00 (Tuition \$6,000.00, Materials \$0.00)

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.

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.

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

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.

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.



AQF CODE	AUR40316
COURSE CODE	AUR40316
COURSE TYPE	Qualification

WHEN YOU CAN ENROL

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WHEN YOU CAN START

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