

# AUTOMOTIVE MANAGEMENT

Course	Intake details	Admission	Employment opportunities	Further study
<p><b>Mechanical Technology/ Mechanical Light Vehicle</b></p> <p><b>Diploma of Automotive Management/Certificate III in Automotive Mechanical Technology</b></p> <p>CRICOS 055779E, Course AUR50105 CRICOS 072282M, Course AUR30405 Includes Diploma of Management</p> <p><b>Certificate III can be taken alone as a 1 year course.</b></p>	<p>2 Years Dandenong February/July</p> <p>\$12,250 pa + \$935 MF</p>	<p>Equivalent Academic IELTS 5.5 Equivalent Year 11, with passes in Maths and Science</p>	<p>Motor mechanic Automotive business manager Fixed operations manager Sales manager Parts manager Purchasing manager Automotive aftermarket Retail sales manager Automotive aftermarket Warehouse manager</p>	<p>Bachelor of Commerce at Deakin University Bachelor of Management at Deakin University Bachelor of Business (specialisations) or Bachelor of Business Studies at Charles Sturt University Bachelor of Business at MIT Institute Bachelor of Business (major choices) at Holmes Institute</p>
<p><b>Heavy Road Transport</b></p> <p><b>Diploma of Automotive Management/ Certificate III in Automotive (Mechanical Technology - Heavy Road Transport)</b></p> <p>CRICOS 055779E, Course AUR50105 CRICOS Pending, Course AUR30405 Includes Diploma of Management</p> <p><b>Certificate III can be taken alone as a 1 year course.</b></p>	<p>2 Years Dandenong February/July</p> <p>\$12,250 pa + \$960 MF</p>	<p>Equivalent Academic IELTS 5.5 Equivalent Year 11, with passes in Maths and Science</p>	<p>Repairer/mechanic for heavy road transport vehicles Automotive business manager Sales manager Parts manager Automotive aftermarket Retail sales manager Automotive aftermarket Warehouse manager</p>	<p>Bachelor of Commerce at Deakin University Bachelor of Management at Deakin University Bachelor of Business (specialisations) or Bachelor of Business Studies at Charles Sturt University Bachelor of Business at MIT Institute Bachelor of Business (major choices) at Holmes Institute</p>
<p><b>Panel Beating</b></p> <p><b>Diploma of Automotive Management/Certificate III in Automotive (Vehicle Body - Panel Beater)</b></p> <p>CRICOS 055779E, Course AUR50105 CRICOS 057761K, Course AUR30805 Includes Diploma of Management</p> <p><b>Certificate III can be taken alone as a 1 year course.</b></p>	<p>2 Years Dandenong February/July</p> <p>\$12,250 pa + \$935 MF</p>	<p>Equivalent Academic IELTS 5.5 Equivalent Year 11, with passes in Maths and Science</p>	<p>Panel beater Automotive business manager Fixed operations manager Sales manager Parts manager Purchasing manager Automotive aftermarket Retail sales manager Automotive aftermarket Warehouse manager</p>	<p>Bachelor of Commerce at Deakin University Bachelor of Management at Deakin University Bachelor of Business (specialisations) or Bachelor of Business Studies at Charles Sturt University Bachelor of Business at MIT Institute Bachelor of Business (major choices) at Holmes Institute</p>
<p><b>Vehicle Painting</b></p> <p><b>Diploma of Automotive Management/ Certificate III in Automotive (Vehicle Body - Vehicle Painting)</b></p> <p>CRICOS 055779E, Course AUR50105 CRICOS 057761K, Course AUR30805 Includes Diploma of Management</p> <p><b>Certificate III can be taken alone as a 1 year course.</b></p>	<p>2 Years Dandenong February/July</p> <p>\$12,250 pa + 1,695 MF</p>	<p>Equivalent Academic IELTS 5.5 Equivalent Year 11, with passes in Maths and Science</p>	<p>Vehicle painter Automotive business manager Fixed operations manager Sales manager Parts manager Purchasing manager Automotive aftermarket Distribution manager Automotive aftermarket Retail sales manager Warehouse manager</p>	<p>Bachelor of Commerce at Deakin University Bachelor of Management at Deakin University Bachelor of Business (specialisations) or Bachelor of Business Studies at Charles Sturt University Bachelor of Business at MIT Institute Bachelor of Business (major choices) at Holmes Institute</p>
<p><b>Marine</b></p> <p><b>Diploma of Automotive Management/Certificate III in Marine</b></p> <p>CRICOS 055779E, Course AUR50105 CRICOS 067962G, Course AUR30505 Includes Diploma of Management</p> <p><b>Certificate III can be taken alone as a 1 year course.</b></p>	<p>2 Years Frankston February</p> <p>\$12,250 pa + 730 MF</p>	<p>Equivalent Academic IELTS 5.5 Equivalent Year 11, with passes in Maths and Science</p>	<p>Marine repairer Servicing technician Marine mechanic Automotive business manager Fixed operations manager Sales manager Purchasing manager Automotive aftermarket Warehouse manager</p>	<p>Bachelor of Commerce at Deakin University Bachelor of Management at Deakin University Bachelor of Business (specialisations) or Bachelor of Business Studies at Charles Sturt University Bachelor of Business at MIT Institute Bachelor of Business (major choices) at Holmes Institute</p>

\*MF Materials fee



## Overview

The Mechanical Technology stream (also known as Mechanical Light Vehicle) of Chisholm's Diploma of Automotive Management provides the skills and competencies related to vehicle mechanics and management skills required for the automotive industry. As with all Chisholm qualifications, this course is nationally-recognised, quality-certified, held in the highest regard, and sought after by industry.

- Repair charging, starting and ignition systems
- Service diesel fuel injection systems
- Balance wheels and tyres and carry out alignment
- Apply environmental regulations
- Service LPG fuel systems

- Inspect, service and repair clutch
- Repair auto and manual transmission
- Repair hydraulic braking systems
- Repair final drive assemblies and driveline
- Repair steering systems and suspension systems
- Conduct safety and roadworthy inspections
- Carry out diagnostic procedures
- Perform routine oxy acetylene weld

- Manual heating and thermal cutting
- Test engines using a dynamometer
- Carry out diagnosis of complex system faults
- Manage quality customer service
- Manage people performance
- Prepare budgets and financial plans
- Develop a marketing plan
- Undertake business planning

This is a fully accredited course for students wishing to enter the heavy road transport industry or for current employees wishing to gain a formal qualification for their existing skills. This is a competency based assessment course that is primarily delivered in the workplace. The course allows students to gain practical skills and knowledge to effectively participate in workplaces that maintain, service and repair heavy road vehicles. Heavy road vehicles have a GVM (Gross Vehicle Mass) greater than 4.5 tonnes and include trucks, b-doubles and buses.

- Remove and install engine assemblies
- Inspect and service transmission (manual and auto)
- Inspect and service air braking systems

- Repair and replace emission control
- Inspect and repair engine forced induction systems
- Carry out repairs single elect circuit
- Repair drive line (driveline heavy vehicle)
- Repair final drive assemblies (heavy vehicle)
- Repair steering systems (heavy vehicle)
- Repair hydraulic brake systems and air brake systems

- Service and repair electronic component ignition
- Carry out diagnostic procedures
- Carry out oxy acetylene weld/thermal cut/heat
- Carry out gas metal arc (MIG) weld product
- Test engines using a dynamometer
- Manage people performance
- Prepare budgets and financial plans

This course provides skills and knowledge related to the auto body repair industry, undertaking a range of service activities and repairs and management skills required for the automotive industry. This is a fully accredited course for students wishing to enter the auto body repair industry.

- Remove, replace and fit protector mouldings
- Apply rust prevention and sound deadening
- Remove and install rubber-glazed windows
- Remove and install direct urethane glazed windows
- Carry out thermoplastic welding procedures
- Repair body panels' metal finishing and incorporate filler

- Repair and replace structural damage (welding)
- Replace major welded panels and repair misalignment
- Repair aluminium body panel finishing and by filling
- Read vehicle body repair estimates and quotations
- Determine vehicle body damage and recommend repair
- Weld using gas metal arc (MIG)

- Perform routine oxy acetylene welding
- Manual heating and thermal cutting
- Test engines using a dynamometer
- Carry out diagnosis of complex system faults
- Prepare budgets and financial plans
- Develop a marketing plan
- Undertake business planning

This course provides the skills and competencies related to the auto body paint (spray painting) industry, and management skills required for the automotive industry. This is a fully accredited course for students wishing to enter the vehicle painting industry or current employees wishing to gain a formal qualification for their existing skills.

- Carry out paint rectification and touch up
- Implement and monitor environmental regulations
- Remove and refit protector mouldings, transfers and decals
- Apply paint removal methods
- Apply acrylic enamel refinishing materials

- Rust prevention and sound deadening materials
- Apply fundamental colour matching techniques
- Apply paint touch up techniques
- Prepare spray booth and paint drying equipment
- Apply solid colour matching techniques
- Prepare vehicle components for paint repairs

- Carry out paint rectification and touch-up for solids
- Test engines using a dynamometer
- Carry out diagnosis of complex system faults
- Manage people performance
- Prepare budgets and financial plans
- Ensure a safe workplace
- Develop a marketing plan

This course allows students to develop the skills to work in the marine repair and service industry, working with both light commercial vessels and recreational craft. This course is located at Chisholm Frankston, ideally located at the gateway of one of Victoria's largest concentrations of marine dealerships and repairers on the Mornington Peninsula, the boating capital of Victoria. Timetable will provide opportunities for students to gain work experience over summer.

- Install marine electronic systems and components
- Service marine transmission o/board/stern
- Carry out hull repair and fuel systems repair and ignition repair
- Inspect drive and manoeuvre motor driven vessels

- Service marine transmission inboard
- Service jet drive propulsion system
- Service inboard propeller drive system
- Repair cooling systems
- Service and repair trailers
- Perform manual heating and thermal cutting
- Perform routine oxy acetylene welding
- Carry out repairs single elect circ
- Diagnose and repair marine electrical system/comp
- Install marine engine controls and instruments

- Prepare (winterise) engine systems
- Carry out diagnostic procedures
- Carry out (TIG) welding procedures
- Test engines using a dynamometer
- Prepare budgets and financial plans
- Develop a marketing plan
- Research business opportunities