

AUTOMOTIVE





AUTOMOTIVE COURSES

Step into a high-demand industry where practical skills, problem-solving and cutting-edge technology come together. From everyday cars to electric vehicles, heavy machinery, marine engines and motorsport, CIT's automotive courses offer the hands-on experience you need to launch a successful and secure career.

Studying automotive at CIT provides access to real-world training using the latest tools and technologies. Whether you're interested in diagnostics, repair, custom builds or advanced systems like EVs, you'll gain the skills that employers are looking for, without needing a university degree. Learn in industry-relevant workshops and start earning while you learn through apprenticeships and work placements.

You'll be an Australian Apprentice, completing your on-the-job training over a four-year apprenticeship, with all classroom-based learning delivered at CIT's specialist automotive training centre at CIT Fyshwick.

The automotive industry is a career path with strong job growth, excellent earning potential and opportunities across Australia and overseas. You could find yourself working in local garages, remote mining operations, on marine vessels or motorsport teams.

At CIT, our expert teachers bring industry experience straight to the workshop floor, helping you build confidence and capability in areas like:

- servicing and repairing passenger, commercial and high-performance vehicles
- working with 4WDs and off-road machinery
- maintaining mining, agricultural and construction equipment
- diagnosing and servicing electric vehicles and smart automotive tech
- refinishing paint, panels and custom vehicle exteriors
- maintaining and repairing marine engines and systems.

Take control of your future with an automotive qualification at CIT – your first step into a skilled, secure and exciting career on (and off) the road.



Get started with an apprenticeship at CIT

Train on the job and in the classroom while earning a nationally recognised qualification. With an apprenticeship, you'll gain hands-on experience, get paid to learn and graduate job-ready. Australian Apprenticeships can be completed full-time, part-time or school-based.

Full-time or part-time apprenticeships typically take three to four years to complete and lead to a nationally recognised trade qualification.

School-based apprenticeships

A CIT school-based apprenticeship allows students aged 15 and over to start their career while still at school. You'll continue your studies, complete paid work with an employer and attend CIT to work towards a nationally recognised qualification. It's a great way to earn while you learn and get a head start in your chosen field.

CIT works closely with schools and local businesses to support your success. By the time you finish school, you could be ready to enter the workforce, continue studying at CIT, or even be halfway through your qualification.





Certificate III in Heavy Commercial Vehicle Mechanical Technology AUR31120

Specialise in the mechanical and electronic systems of heavy commercial vehicles, including air systems.

Career opportunities: heavy commercial vehicle technician, long haul vehicle technician, offroad freight vehicle technician, heavy vehicle modification specialist, mining vehicle technician, agricultural heavy vehicle technician, heavy industrial transport specialist.



Certificate III in Light Vehicle Mechanical Technology AUR30620

Learn to diagnose, service and repair mechanical and electronic systems in passenger vehicles using the latest diagnostic tools.

Career opportunities: dealership or private workshop technician, mobile technician, motorsport technician, marine technician, remote expedition technician, engine builder, specialist component and assembly technician.



Certificate III in Automotive Electric Vehicle Technology – Light Vehicle AUR32721

Prepare for the future by working with high-voltage battery systems, electric drivetrains and advanced diagnostic equipment.

Career opportunities: electric vehicle technician, high voltage systems specialist, EV conversion specialist, EV safety and inspection officer, propulsion technician.



Certificate III in Automotive Electrical Technology AUR30320

Master complex electronic vehicle systems, including wiring, control units, sensors and onboard diagnostics.

Career opportunities: automotive electrician, motorsport electrical specialist, marine electrical specialist, vehicle electrical and wiring modification specialist.



Certificate III in Automotive Body Repair Technology AUR32120*

Gain advanced skills in structural repairs, welding, panel alignment and restoration of vehicle frames and bodies.

Career opportunities: automotive panel beater, custom vehicle body builder, crash repair estimator and specialist, marine body repair technician, mobility vehicle modification specialist.



Certificate III in Automotive Refinishing Technology AUR32420

Train in professional paint application, coating technologies and surface preparation techniques for flawless vehicle finishes.

Career opportunities: automotive spray painter, restoration paint specialist, aviation / marine surface refinisher, spray booth operator / manager, industrial coatings specialist.

*Course is in transition. You may be transferred to a replacement course in 2027.



Certificate III in Mobile Plant Technology AUR31220

Develop expertise in maintaining and repairing heavy machinery used in mining, construction, marine and agriculture.

Career opportunities: mobile heavy equipment technician, mining, agriculture, marine heavy equipment technician, construction plant technician, offshore equipment technician, emergency power supply/generation equipment technician, hydraulics specialist.

AUTOMOTIVE SHORT COURSES

Already working in the industry?
Take your skills to the next level with our specialised short courses designed for qualified professionals looking to upskill or stay ahead of the latest automotive technologies.

- Statement of Attainment Electric Vehicle Diagnose and Repair Skill Set – Light Vehicle
- Statement of Attainment Electric Vehicle Diagnose and Repair Skill Set – Heavy Vehicle
- Statement of Attainment Battery Electric Vehicle Inspection and Servicing Skill Set AURSS00064
- Statement of Attainment Depower and Reinitialise Battery Electric Vehicles
- Statement of Attainment Automotive Air Conditioning



Statement of Attainment Automotive Trades Career Starter

This hands-on training program has been co-designed with industry partners specifically for ACT school students. It offers a unique opportunity to explore and develop foundational skills across key automotive trades, including automotive refinishing (paint) automotive body repair (panel) and automotive mechanical (light and heavy vehicle).

This training is targeted at learners in years 10 to 12 with an interest in the automotive industry.

The course focuses on practical application of skills and will prepare students for a career in the automotive industry.

Completing this course is a stepping stone to a wide range of careers in the automotive industry with the units completed contributing to an apprenticeship pathway within a range of automotive qualifications.

Students who are interested in pursuing a career in the automotive industry are encouraged to speak with their school careers advisor to explore how this training opportunity may be supported within their school setting and how it can contribute to their future career aspirations.



Paint and Panel Fundamentals Non-accredited short course

Want your car to look great without paying for costly detailing and repairs?

Learn the skills to restore and maintain your own vehicle in this hands-on short course. Build confidence with real paint and panel techniques, practical repairs, and expert guidance in professional automotive workshops. Discover how to fix minor damage, prepare surfaces, and achieve a smooth, professional finish.

Speak with your careers advisor and **register your interest** today in CIT's Paint and Panel Fundamentals short course and get hands-on learning along with guided practical demonstrations from experienced industry professionals.

You will learn

- How to identify common vehicle paint types and minor damage.
- Preparing surfaces for repair and paint work.
- Performing minor body repairs.
- Applying paint products for a professional finish.
- General vehicle cleaning and paint surface maintenance.
- Safe workshop practices and use of personal protective equipment (PPE).

Register your interest







For more information:
cit.edu.au/automotive
info@cit.edu.au
(02) 6207 3188

