Canberra Institute of Technology

RTO 0101 | CRICOS No. 00001K

ELECTRIC VEHICLE TAFE CENTRE OF EXCELLENCE

Your roadmap to a career in the automotive and electric vehicle industry



cit.edu.au/EV

The Electric Vehicle TAFE Centre of Excellence is a joint initiative between the Australian Government and ACT Government.



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CIT can help you gain the skills to be part of the fast-growing electric vehicle industry. Whether you like hands-on work, problem-solving, design, technology or customer service, there's a career waiting for you.

CIT provides hands-on learning, real equipment and teachers who work in the industry to equip you with the skills you need for success.

STEP 1 BUILD YOUR SKILLS WHILE AT SCHOOL (YR 9-12)

Throughout your school years you are able to expand your knowledge and gain the skills you need to enter the electric vehicle industry by:

- **Tech-forward learning:** Consider studying Science, Technology, Engineering and Maths (STEM), Information Technology (IT), and Robotics to master the science behind electric motors and battery systems.
- **Design & innovation:** Use Design & Tech subjects to learn CAD, and the study of material and structures to prepare for roles in Custom Body Building or Mobility Vehicle Building.
- **Core knowledge subjects:** Focus on Maths, Design & Tech, STEM, and IT to build a strong foundation in the skills required to design, program, and manufacture complex, high-voltage automotive systems.
- **Practical skills:** Engage in subjects like Metalwork, Woodwork, or Engineering Studies to learn how to safely use hand tools and understand mechanical systems.
- **Hands-on learning:** Focus on Design & Tech and Automotive Technology to build the practical workshop skills used every day in the industry.

STEP 2 GETTING STARTED AND EXPLORING YOUR INTERESTS

You can explore your interests in the electric vehicle industry by undertaking work experience or attending events or enrolment days to get a deeper understanding of the industry.

- **Explore CIT events and see if the industry is right for you:**
  - CIT Open Day
  - CIT Try a Trade Day
  - CIT EV Awareness Day
  - CIT Twilight Enrolment Session
  - Career expo events
- **Work experience:** Whether you're interested in the technical, customer service or workshop side of the industry - work experience can help you determine which role is right for you.



STEP 3 ENTRY POINTS

There are a number of ways you can enter the Electric vehicle industry:

- **School-Based Apprenticeship (ASBA) Pathway:** Start an apprenticeship while finishing Year 12, allowing you to earn money and gain real-world experience while continuing your school studies.
- **Non-Qualified Roles:** Start immediately in the industry in a role that does not require a formal qualification such as:
  - Tyre fitter
  - Detailer
  - Workshop assistant
  - Service receptionist



STEP 4 START FORMAL QUALIFICATIONS

Enrol in an accredited course to begin your formal qualifications for your chosen specialisation.

*Course details correct at time of publication. For the most up-to-date information about courses please visit **cit.edu.au** or **training.gov.au***

CIT Qualifications:

- Certificate III in Automotive Electric Vehicle Technology (Light Vehicle) AUR32721
- Certificate III in Automotive Electrical Technology AUR30320
- Certificate III in Heavy Commercial Vehicle Mechanical Technology AUR31120
- Certificate III in Light Vehicle Mechanical Technology AUR30620
- Certificate III in Automotive Body Repair Technology AUR32120**
- Certificate III in Automotive Refinishing Technology AUR32420
- Certificate III in Glass and Glazing MSF30422

*** This course is in transition. You may be transferred to a replacement course in the future.*

Other Qualifications:

Please note that the courses marked with an asterisk (*) are not offered at the Canberra Institute of Technology (CIT) but at other TAFEs around Australia

Mechanical:

- **AUR30820 Certificate III in Motorcycle Mechanical Technology***
  Helps you get the skills for maintaining electric motor drives and lightweight battery packs in commuter e-bikes, electric motorcycles and scooters.

Automotive Business:

- **AUR31026 Certificate III in Automotive Sales***
  This course qualifies you to work as an EV sales consultant, dealership parts interpreters, or EV product specialists.
- **TLI30325 Certificate III in Supply Chain Operations***
  This program enables you to step into stock control roles such as automotive logistics coordinators or EV vehicle and parts warehouse supervisors.

Precision Trades:

- **AUR32420 Certificate III in Automotive Refinishing Technology**
  This qualification structures a pathway to roles as EV spray painters or refinishing technicians.
- **AUR40626 Certificate IV in Automotive Electrical Technology***
  This advanced certificate trains professionals for high-level roles as master diagnostic technicians or EV auto electricians who lead workshop teams.

Heavy Vehicle and Plant:

- **AUR31120 Certificate III in Heavy Commercial Vehicle Mechanical Technology**

  This training leads to employment as heavy commercial vehicle EV mechanics who service local and long-haul commercial electric trucks and freight systems.

- **AUR31220 Certificate III in Mobile Plant Technology**

  This course qualifies individuals to work as mobile plant technicians or heavy machinery mechanics who inspect and repair earthmoving and construction equipment, an industry sector currently electrifying heavy machinery such as excavators.

Outdoor Power and Marine:

- **AUR30720 Certificate III in Outdoor Power Equipment Technology***

  This trade certification prepares graduates for roles as outdoor power equipment mechanics servicing commercial electric landscaping machinery, lawnmowers, chainsaws, and other tools.

- **UEEEL0053 Maintain operation of electrical marine equipment and systems***

  This micro-credential prepares marine professionals for specialised work as marine electrical technicians who maintain modern electric luxury yachts and commercial hybrid vessels.

Essential Mobility:

- **Certificate III in Automotive Electric Vehicle Technology (Light Vehicle) AUR32721**

- **Certificate III in Automotive Electrical Technology AUR30320**

  Train as a Light Vehicle Technician or Auto Electrician to keep community vehicles safe and on the road.

STEP 5 MANAGEMENT AND LEADERSHIP PATHWAYS

- **Management:** Progress to a qualification in Automotive Management to become a Dealer Principal or Business Owner.
- **Leadership Pathways**
  - **Executive Roles:** Move into Management and Executive roles or become a TAFE trainer after further education.
  - **Business Ownership:** Use your qualifications in Automotive Management to run your own franchise or dealership.
- **The Road Ahead**
  - **Mentorship and Training:** Transition into roles as a Workshop Manager, Trainer, or Business Owner to mentor the next generation of apprentices.
  - **Technical Expertise:** Advance into Engineering trades like Electronics or Robotics as technology evolves.

WHAT YOU COULD EARN IN THE INDUSTRY

Based on 2026 Australian jobs market data, you could earn annual salaries from between $55,000 up to $184,000 for the many different roles in the electric vehicle industry.

VISITS AND EXCURSIONS

CIT regularly holds EV Awareness Day events where you can visit the CIT Electric Vehicle TAFE Centre of Excellence and explore the electric vehicles, simulators, tools, equipment, and training labs we use.

You can also speak to CIT teachers and staff and discover the campus. Talk to your school careers adviser for details.


SUTHERLAND
AUTOMOTIVE

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Want to know more on how to start your EV journey?

Speak to your school careers advisor and learn more about available CIT courses and the CIT Electric Vehicle TAFE Centre of Excellence:

cit.edu.au/study

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