



| NSW Department of Education

Automotive Electrician

Automotive electricians install, maintain and repair electrical wiring, electronic components and computer based equipment in motor vehicles and related equipment.

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Job title examples

- Automotive Electrician
- Automotive Electrical Mechanic
- Automotive Electrical Fitter
- Car Electrician

What automotive electricians do

- use test equipment to locate electrical and electronic malfunctions
- dismantle and remove electrical and electronic assemblies and components
- install electrical equipment and electronic components in motor vehicles
- connect power-operated vehicle equipment and accessories to power supply
- adjust engine control systems and timing
- test and replace defective alternators, generators, voltage regulators and starter motors
- repair and replace faulty ignition and electrical wiring
- replace defective parts such as fuses, lamps and switches

Main employing industries

- Automotive electrical specialists, motor vehicle repairs, large transport firms and vehicle dealerships
- Manufacturing
- Wholesale
- Mining

Qualifications

The following government subsidised qualifications are available in NSW:

Certificate III in Automotive Electrical Technology available as an apprenticeship or qualification

Certificate IV in Mental Health available as a traineeship or qualification

Apprenticeships and traineeships: Find out how to get an [apprenticeship or traineeship](#).

Course fees: You may be eligible for government subsidised training under Smart and Skilled. Go to the [Course Finder](#) to find training in your area, estimate your fee and find a training provider.

Job prospects and pay

- There are around 3,299 automotive electricians working in NSW.
- Over the next four years, employment in this occupation is expected to decline in NSW.
- Employers report state-wide automotive electrician shortages in NSW.

Average weekly full-time earnings (before tax):

- Automotive electricians: \$1,358
- All occupations: \$1,200

Related jobs

- Electrician
- Electronics Trades Worker



To find out more regarding these related jobs, visit education.nsw.gov.au/job-guides.

Information sources

Occupations: Australian Bureau of Statistics, Australian and New Zealand Standard Classification of Occupations, 1220.0

Employment: Australian Bureau of Statistics, Labour Force, Australia, Detailed, Quarterly, 6291.0.55.003

Skills shortages: Department of Employment, Skill Shortage List NSW 2015-16

Job prospects: Centre of Policy Studies (CoPS), Victoria University, Employment Forecast Data for NSW 2015/16 to 2022/23

Earnings: Department of Employment, joboutlook.gov.au, based on ABS Characteristics of Employment Survey, August 2014