

# Using Your Degree

Engineering - Electrical and computer systems



## Purpose

The following information provides career titles, employment opportunities, professional associations and links to salary information relevant to these qualifications.

This publication is prepared as a guide only. The content is based on information publicly available. Each list provides a sample only. It is not intended to be comprehensive.

## Careers that can be moved into with these qualifications:

Note: further qualifications may be required for some roles.

- Biomedical Engineer
- Communications Engineer
- Computer Systems Engineer
- Design Engineer
- Electrical Engineering Design Drafter
- Electrical Engineering Estimator
- Electrical Instrumentation Engineer
- Electrical Maintenance Engineer
- Electrical Power Engineer
- Electrical Systems Designer
- Electronics Engineer
- Engineering Technical Officer
- Hardware Design Engineer
- Manufacturing Systems Engineer
- Mechanical Engineer
- Mechatronic Engineer
- Network/Systems Engineer
- Operations Engineer
- Project Engineer
- Quality Controller
- Research and Development Engineer
- Robotics Engineer
- Site Engineer
- Software Engineer
- Telecommunications Engineer
- Test Officer

## Potential employers of students with these qualifications:

Note: Entities listed are not to be taken as endorsements or recommendations.

### Government

- [apsjobs.gov.au](http://apsjobs.gov.au), [careers.vic.gov.au](http://careers.vic.gov.au) and [job-directory.com.au](http://job-directory.com.au) are good starting points for information about career opportunities within the federal, state and local governments.
- Australian Bureau of Statistics [abs.gov.au](http://abs.gov.au)
- Australian Defence Force [defence.gov.au](http://defence.gov.au)
- Commonwealth Scientific and Industrial Research Organisation (CSIRO) [csiro.au](http://csiro.au)
- Defence Science and Technology Organisation [dsto.defence.gov.au](http://dsto.defence.gov.au)
- Department of Industry and Science [industry.gov.au](http://industry.gov.au)
- Department of Infrastructure and Regional Development [infrastructure.gov.au](http://infrastructure.gov.au)
- Department of Environment & Primary Industries [dse.vic.gov.au](http://dse.vic.gov.au)
- Department of Environment, Land, Water & Planning [depi.vic.gov.au](http://depi.vic.gov.au)
- Productivity Commission [pc.gov.au](http://pc.gov.au)
- VicRoads [vicroads.vic.gov.au](http://vicroads.vic.gov.au)

### Private

- Aecom [aecom.com](http://aecom.com)
- Aker Solutions [akersolutions.com](http://akersolutions.com)
- Anglo American [australia.angloamerican.com](http://australia.angloamerican.com)
- Arup [arup.com/australasia](http://arup.com/australasia)
- Aurecon [aurecongroup.com](http://aurecongroup.com)
- BAE Systems [baesystems.com/Careers/index.htm](http://baesystems.com/Careers/index.htm)
- Bain & Company [bain.com](http://bain.com)
- Beca [beca.com](http://beca.com)
- BHP Billiton [bhpbilliton.com](http://bhpbilliton.com)
- BMT Defence Services (Australia) [bmtdesigntechnology.com.au](http://bmtdesigntechnology.com.au)
- Boral Limited [boral.com.au](http://boral.com.au)
- Canon Information Systems Research Australia (CISRA)
- Geomatic Technologies [geomatic.com.au](http://geomatic.com.au)
- GM Holden [holden.com.au](http://holden.com.au)
- IBM Australia Ltd [ibm.com.au](http://ibm.com.au)
- Kaytee Pty Ltd [kaytee.com.au](http://kaytee.com.au)
- Laing O'Rourke [laingorourke.com](http://laingorourke.com)
- Lend Lease [lendlease.com.au](http://lendlease.com.au)
- Lycopodium Ltd [lycopodium.com.au](http://lycopodium.com.au)
- Mailguard [mailguard.com.au](http://mailguard.com.au)
- McConnell Dowell [mcconnelldowell.com](http://mcconnelldowell.com)
- Motorola Australia [motorola.com.au](http://motorola.com.au)
- Murchie Consulting [murchie.com.au](http://murchie.com.au)
- MWH Australia
- Ocean Controls [oceancontrols.com.au](http://oceancontrols.com.au)
- OmniVision [omnivision.net.au](http://omnivision.net.au)
- Origin Energy Australia [originenergy.com.au](http://originenergy.com.au)
- Parsons Brinckerhoff Australia [pb.com.au](http://pb.com.au)
- Power and Water Corporation [powerwater.com.au](http://powerwater.com.au)
- Powercor Australia [powercor.com.au](http://powercor.com.au)
- Rio Tinto Limited [riotinto.com](http://riotinto.com)
- Rutledge RV [rutledge.com.au](http://rutledge.com.au)
- Santos Ltd [santos.com](http://santos.com)
- Shell [shell.com.au](http://shell.com.au)
- SEMF [semf.com.au](http://semf.com.au)
- Jacobs [jacobs.com](http://jacobs.com)
- Telstra [careers.telstra.com](http://careers.telstra.com)

- research.canon.com.au
- Citipower / Powercor  
powercor.com.au
- Dalton Consulting Engineers  
dceprofile.com
- Ericsson ericsson.com
- Fujitsu fujitsu.com/au
- mwhglobal.com.au
- Nautronix nautronix.com
- Network Overdrive  
netoverdrive.com.au
- NHP Electrical Engineering  
Products Pty Ltd nhp.com.au
- Nilsen nilsen.com.au
- Norman Disney & Young  
ndy.com.au
- Thales thalesgroup.com
- ThyssenKrupp  
thyssenkrupp.com
- URS Corporation urs.com
- Videlli Limited videlli.com
- VisionStream Pty Ltd  
visionstream.com.au

## Professional associations relevant to these qualifications:

- Association for Computing Machinery (ACM) acm.org
- Professionals Australia  
professionalsaustralia.org.au
- Australasian Association for Information Systems  
aaisnet.org
- Australian Information Industry Association aiiia.com.au
- Australian Mobile Telecommunications Association amta.org.au
- Australian Computer Society  
acs.org.au
- Australian Computer Society – Telecommunications Society of Australia acs.org.au/acstsa
- Australian Local Government Association (ALGA) alga.asn.au
- Computing Research and Education core.edu.au
- Consult Australia  
consultaustralia.com.au
- Engineers Australia  
engineersaustralia.org.au
- Institution of Electrical and Electronic Engineers ieee.org
- Robotics Industries Association (RIA) robotics.org
- Society of Automotive Engineers Australasia  
sae-a.com.au
- Technology Industry Association tia.asn.au/home
- The Institution of Engineering and Technology (IET) theiet.org
- Young Engineers Australia  
engineersaustralia.org.au/  
young-engineers

## Helpful Links:

### General

- siriuscollegcareers.com
- seek.com.au
- jobsearch.gov.au
- careerone.com.au
- mycareer.com.au
- graduatecareers.com.au
- graduateopportunities.com
- myfuture.edu.au
- prospects.ac.uk
- unigrad.com.au
- fairwork.gov.au

### Industry specific

- nerb.org.au (National Engineering Registration Board)
- concentis.com.au
- asphar.com.au
- stuartsimon.com.au

## Salary Indicator:

Please visit these websites for the most current figures:

- Fair Work fairwork.gov.au/pay
- Graduate Careers Australia graduatecareers.com.au/research/gradjobsdollars
- Job Outlook joboutlook.gov.au

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