

# Electronic Engineering

## Key transferable skills

Skills you will obtain in this degree that are transferable across many career options.



PROBLEM SOLVING



ANALYTICAL THINKING



COMMUNICATION



TEAMWORK



TECHNOLOGY



LEADERSHIP

If you're looking to develop your skills and specialise in the rapidly developing high-technology area of electronics, this course is designed for you. We offer specialty teaching in the areas of biomedical engineering, communication and electronic systems, microelectronics, design and optical engineering. You can choose components that best suit your chosen specialisation.

## Career pathways

Graduates will be well placed to find employment in a range of roles directly or after further study. Common roles include:

- Robotics engineer
- Aerospace engineer
- Medical equipment designer
- Network communications engineer
- Transport engineer
- Automotive electronics engineer
- Electronics design engineer
- Software engineer
- Electronics field engineer
- Hardware engineer
- Biomedical engineer
- Educator

## Discipline specific/technical skills

Technical skills that you will develop as part of your course.

- Apply electronic engineering principles
- Demonstrate high level of technical competence
- Develop and build electronic hardware/software systems
- Design, evaluate & execute projects
- Apply critical thinking to solve engineering problems
- Articulate complex information to diverse audiences
- Produce technical reports

## Major employers

Graduates have found jobs in a range of organisations including:

- Telecommunications industry
- State & federal government departments
- Universities
- Australian Defence Force
- Telstra
- Boeing Australia
- Ericsson
- Seeing Machines
- BAE Systems Australia
- Fisher & Paykel
- Rocket Lab
- Thales Australia

Source: LinkedIn Live Alumni, Burning Glass Technologies

## Boost your employability



BROADEN YOUR SKILLS



CONNECT WITH INDUSTRY



MANAGE YOUR CAREER



GAIN EXPERIENCE