

Industrial Engineering

Key transferable skills

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



COMMUNICATION



CRITICAL THINKING



FLEXIBILITY
AND CREATIVITY



QUANTITATIVE
LITERACY



TECHNOLOGY



TEAMWORK

La Trobe's Industrial Engineering course is for inquisitive people who want to find creative and sustainable solutions to technical problems. Developed in response to industry needs, you'll graduate ready to embrace the fourth industrial revolution of advanced automation, artificial intelligence, digitalisation and data analytics across the fields of aerospace, electronics, biotechnology, pharmaceuticals, agriculture and more.

Career pathways

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

- Manufacturing engineer
- Logistics engineer
- Aerospace engineer
- Automotive designer
- Control systems engineer
- Industrial designer
- Medical technology designer
- Research and development engineer
- Robotics engineer
- Quality controller
- Project manager
- Sales engineer

Discipline specific/technical skills

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

- Apply engineering principles and concepts
- Devise creative solutions to technical problems
- Use mathematical tools/techniques
- Convey technical information to diverse audiences
- Review and assess information to suggest improvements
- Communicate information in writing and drawings
- Contribute as a team member/leader

Major employers

Graduates have found jobs in a range of organisations including:

- State and federal government departments
- AW Bell
- Campbell Arnotts
- Ceramic Oxide Fabricators
- Furphy Engineering
- Hazeldenes
- Metro Trains Melbourne
- Heat Tech Australia
- Niras Australia
- Profile Cutting Systems
- Trevaskis Engineering
- Thales Australia

Source: LinkedIn Live Alumni, Burning Glass Technologies

Boost your employability



BROADEN YOUR SKILLS



CONNECT WITH INDUSTRY



MANAGE YOUR CAREER



GAIN EXPERIENCE