

ENGINEERING COURSES



If you enjoy creative solutions, solving problems and working with machines and technology, then engineering and mechanical engineering could be for you. With developments in robotics and mechanical technologies, now is the time to get up-skilled for the future. Opportunities are opening up across industries, from healthcare to construction. Build your career while helping to build a sustainable future.

WELL-PAID JOB

An average weekly wage for a full-time engineering manager is

\$2,355

Source: joboutlook.gov.au

IS IT RIGHT FOR YOU?

- Are you curious about how things work?
- Do you enjoy technical and mechanical activities?
- Do you like to look outside the box to find the best solution?
- Do you love gadgets and machines?

COURSES WE OFFER INCLUDE:

- Applied Engineering (Renewable Energy Technologies)
- Engineering - Technical, Drafting
- Engineering (CNC Programming)
- Engineering (Fabrication)
- Engineering (Mechanical)
- Engineering (Fluid Power)

CAREER OPPORTUNITIES

- Engineering Technician
- Mechanical Engineer
- Fabrication Tradesperson
- Fluid Power Systems Engineer
- CNC Machinist
- Renewable Energy Technology Engineer
- Mechanical Fitter

BASIC SKILLS TO TOPNOTCH CAREERS

Certificate III in Engineering - Fabrication Trade (MEM30305) or Certificate III in Engineering - Mechanical Trade (30205)

Boilermaker/Sheetmetal Worker - Shipbuilding, Steel Construction, Mining Defence Manufacturing or Defence Manufacturing, Advanced Manufacturing, Food Industry Equipment Maintenance, Mining Industries

Certificate IV in Engineering - Drafting (MEM40412) or Certificate IV in Engineering (MEM40105)

Engineering Draftsperson, Mechanical Engineering Draftsperson

Diploma of Engineering - Advanced Trade (MEM50105) or Diploma of Engineering - Technical (MEM50212)

Maintenance Technician, Mechanical Engineering Technician, Mechatronics Technician

Advanced Diploma of Engineering (MEM601112)

Renewable/Sustainable Energy Specialist/Engineer

TAFE NSW Bachelor of Business (HE20514)

Take your career to a higher level. This Degree allows you to fine tune commerce and management skills to your sector.

ENGINEERING COURSES

ENGINEERING		
COURSE	QUALIFICATION	CODE
Engineering (Mechanical)	Advanced Diploma	MEM60112
Engineering - Advanced Trade	Diploma	MEM50105
Engineering - Technical	Diploma	MEM50212
	Certificate III	MEM30505
Engineering - Technical (Mechanical)	Diploma	MEM50212
Engineering - Technical (Mechatronics)	Diploma	MEM50212
Hydraulic Services Design	Diploma	CPC50612
	Diploma	PMB50116
Polymer Technology	Certificate IV	PMB40116
	Certificate III	PMB30116
	Certificate IV	MEM40105
Engineering	Certificate II	MEM20105
	Certificate I	MEM10105
Engineering (CNC Programming)	Certificate IV	MEM40105
Engineering (Heavy Fabrication)	Certificate IV	MEM40105
Engineering (Fluid Power)	Certificate IV	MEM40105
Engineering Drafting	Certificate IV	MEM40412
Manufacturing Technology (CAD/Drafting)	Certificate IV	MSA40108
Agricultural Mechanical Technology	Certificate III	AUR30416
Engineering - Fabrication Trade	Certificate III	MEM30305

ENGINEERING		
COURSE	QUALIFICATION	CODE
Engineering - Fabrication Trade (Blacksmithing)	Certificate III	MEM30305
Engineering - Fabrication Trade (Heavy Fabrication)	Certificate III	MEM30305
Engineering - Fabrication Trade (Light Fabrication)	Certificate III	MEM30305
Engineering - Mechanical Trade	Certificate III	MEM30205
Engineering - Mechanical Trade (Toolmaking)	Certificate III	MEM30205
Locksmithing	Certificate III	MEM30805
Manufacturing Technology (CAD/Drafting)	Certificate III	MSA30208
Mobile Plant Technology	Certificate III	AUR31216
Outdoor Power Equipment Technology	Certificate III	AUR30716
Sawdoctoring	Certificate III	FWP30716
Watch and Clock Service and Repair	Certificate III	MEM31010
Electronics	Certificate II	UEE21911
Engineering - Production Technology	Certificate II	MEM20205
Engineering Pathways	Certificate II	MEM20413
Outdoor Power Equipment Technology	Certificate II	AUR20816

 COURSE ALSO DELIVERED ONLINE AT [TAFEDIGITAL.EDU.AU](https://www.tafedigital.edu.au)

THERE ARE 130 TAFE NSW LOCATIONS AROUND THE STATE - VISIT [TAFENSW.EDU.AU](https://www.tafensw.edu.au) TO SEE WHERE YOUR COURSE IS OFFERED.

WHY CHOOSE TAFE NSW?



Strong industry connections. Associate membership of Engineers Australia may be available to Advanced Diploma graduates who complete work experience. Evolving industry partnerships always keep our training program relevant and up-to-date.



Job-ready and sustainable focus. From sustainable technologies to communication and CAD skills, your learning is always focused on what is needed in tomorrow's workplace.



Pathways to degrees. Your diploma or advanced diploma may be recognised as credit towards a Bachelor of Engineering Degree.



Study an associate degree. Study the TAFE NSW Associate Degree of Applied Engineering (Renewable Energy Technologies) and become a renewable energy specialist.



State-of-the-art facilities. Our workshops and studios are set up just like you'll find in your career, with fabrication workshops, CAD studios, 3D printers and fully equipped labs.

ENROL TODAY

TAFENSW.EDU.AU OR 131 601

BE SKILLED WITH SHORT COURSES

We have a huge range of short courses, including Statements of Attainment, that can give you everything from basic foundations to advanced specialised career skills. These are always being developed and updated, so explore **TAFENSW.EDU.AU/SHORT** for the latest.

