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.

**ENGINEERING COURSES**

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**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)

**BASIC SKILLS TO TOPNOTCH CAREERS**

- Certificate III in Engineering – Fabrication Trade (MEM30305) or Certificate III in Engineering – Mechanical Trade (MEM30205)
- Certificate IV in Engineering - Drafting (MEM40412) or Certificate IV in Engineering (MEM40008)
- Diploma of Engineering - Advanced Trade (MEM50105) or Diploma of Engineering - Technical (MEM50212)
- Advanced Diploma of Engineering (MEM601112)
- Boilermaker/Sheetmetal Worker - Shipbuilding, Steel Construction, Mining Defence Manufacturing or Defence Manufacturing, Advanced Manufacturing, Food Industry Equipment Maintenance, Mining Industries
- Engineering Draftsperson, Mechanical Engineering Draftsperson
- Maintenance Technician, Mechanical Engineering Technician, Mechatronics Technician
- Renewable/ Sustainable Energy Specialist/Engineer

**CAREER OPPORTUNITIES**

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

**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

**Engineering - Technical (Mechanical) Diploma** MEM50212

**Engineering - Technical (Mechatronics) Diploma** MEM50212

**Hydraulic Services Design Diploma** CPC50612

**Polymer Technology Diploma** PMB50116

**Certificate III** PMB40116

**Certificate III** PMB30116

**Engineering Certificate IV** MEM40105

**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**

There are 130 TAFE NSW locations around the state – visit 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.
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.