

2025 Manufacturing and Engineering Introduction Course Descriptor

MEM10119 Certificate I in Engineering & Statement of Attainment towards MEM20422 Certificate II in Engineering Pathways

This information may change due to the Training Package and NSW Education Standards Authority (NESA) updates. Notification of variations will be made in due time with minimal impact.

Course: Manufacturing and Engineering - Introduction
Board Endorsed Course (240 hour)
(2 units x 2 years or 4 units x 1 year)

HSC credit – 4 units

There is no Australian Tertiary Admission Rank (ATAR) for this course

By enrolling in this VET qualification with the NSW Department of Education RTO 90333, you are choosing to participate in a program of study which will provide you a pathway towards, HSC accreditation and a nationally recognised qualification (dual accreditation). To receive this qualification, you must meet the assessment requirements of MEM10119 Certificate I in Engineering & Statement of Attainment towards MEM20422 Certificate II in Engineering Pathways

<https://training.gov.au/Training/Details/MEM10119> & <https://training.gov.au/Training/Details/MEM20422> You will be expected to complete all requirements of the Registered Training Organisation. To gain the full qualification MEM10119 Certificate I in Engineering students must successfully achieve 8 units of competency (16 points). A Statement of Attainment toward MEM20413 Certificate II in Engineering is possible if at least one of the certificate II units of competency is achieved.

Students may apply for Recognition of Prior Learning (RPL) and/or Credit Transfer (CT) provided suitable evidence is submitted.

Transferrable industry skills gained in this course

- risk management
- time management
- basic emergency response
- communication
- problem solving
- decision making

Examples of occupations in the manufacturing and engineering industry

- fitter machinist
- refrigeration mechanic
- toolmaker
- maintenance fitter
- Air conditioning mechanic

VET requirements

Competency-Based Assessment

In this course you will work to develop the skills and knowledge described in each unit of competency. To be assessed as competent you must demonstrate your ability to satisfactorily complete the tasks required in the assessments.

Appeals and Complaints

You may lodge a complaint or an appeal about a decision (including assessment decisions) by following the Appeals and Complaints Guidelines.

HSC requirements

Mandatory course requirements

You must complete 240 indicative hours of course work and a minimum of 35 hours work placement. Not meeting these requirements will incur an 'N' determined as required by NESA.

External Assessment)

There is no external assessment (optional HSC examination) for this course.

Consumable costs: Preliminary - \$100.00

Current March 2024 – subject to change

HSC - \$100.00

Refunds

Refund arrangements are on a pro-rata basis
Please refer to your school refund policy

A school-based traineeship is not available in this course.

Exclusions: General information about NESA VET course exclusions can be found

<https://educationstandards.nsw.edu.au/wps/portal/nesa/11-12/stage-6-learning-areas/vet/course-exclusions>