



2023 MANUFACTURING AND ENGINEERING INTRODUCTION COURSE DESCRIPTOR
MEM10119 Certificate I in Engineering and Statement of Attainment towards MEM20413
Certificate II in Engineering Pathways
 Public Schools NSW, Wagga Wagga RTO 90333

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

Course: **Manufacturing and Engineering - Introduction**
 Board Endorsed Course **240 hour**

2 or 4 Preliminary and/or HSC units in total
There is not an Australian Tertiary Admission Rank (ATAR) option for this course

By enrolling in a VET qualification with Public Schools NSW, Wagga Wagga, RTO 90333 you are choosing to participate in a program of study that will provide you with the best possible direction towards a nationally recognised qualification. To receive this AQF VET qualification, you must meet the assessment requirements of MEM10119 Certificate I in Engineering and Statement of Attainment towards MEM20413 Certificate II in Engineering Pathways <https://training.gov.au/Training/Details/MEM10119> and <https://training.gov.au/Training/Details/MEM20413> as outlined in the TAS.

You will also be expected to complete all requirements relevant to the HSC and adhere to the requirements of NESA. This course is accredited for the HSC and provides students with the opportunity to obtain nationally recognised vocational training. This is known as dual accreditation. To gain a full qualification, students must achieve all competencies. A statement of attainment towards the qualification is possible if at least one unit of competency is achieved.

Recommended Entry Requirements

Students complete a VET Enrolment Form, supplying their USI and be assessed for learning support (eg LLN Robot) before the commencement of any training and assessment. Students must have completed All My Own Work before enrolling in this qualification and be work ready before work placement. Students selecting this course should be interested in working in a manufacturing engineering industry. Students should be able to carry out manual activities eg lifting, carrying and shifting loads of materials and have the ability to use hand and power tools. They should be able to use a personal digital device including a personal computer or laptop.

Units of Competency

Core

MEM13015 Work safely and effectively in manufacturing and engineering
 MEMPE006A Undertake a basic engineering project
 MEMPE005A Develop a career plan for the engineering and manufacturing industry

Electives:

MEM16006 Organise and communicate information
 MEM11011 Undertake manual handling
 MEM12024 Perform computations
 MEM18001 Use hand tools
 MEM18002 Use power tools/hand held operations
 MEM16008 Interact with computing technology
 MEM07032 Use workshop machines for basic operations
 MEMPE001A Use engineering workshop machines
 MEMPE002A Use electric welding machines
 MEMPE004A Use fabrication equipment

Refer to the TAS for the qualification packaging rules.

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

Pathways to Industry - Skills gained in this course transfer to other occupations

This qualification defines entry-level skills and knowledge to assist workers entering employment as engineering/manufacturing employees within the metal, engineering, manufacturing and associated industries.

Examples of occupations in the Manufacturing and Engineering industry:

- fitter
- machinist
- refrigeration and air conditioning mechanic
- toolmaker
- maintenance fitter

Mandatory HSC Course Requirements

Students must complete 240 indicative hours of course work and a minimum of 35 hours work placement. Students who do not meet these requirements will be 'N' determined as required by NESA.

External Assessment There is **not** an external assessment (optional HSC examination) for this course and this course **does not** contribute towards an ATAR.

Competency-Based Assessment

Students in this course work to develop the competencies, skills and knowledge described by each unit of competency listed above. To be assessed as competent a student must demonstrate to a qualified assessor the competency requirements for performance and knowledge of the units/s of competency.

Appeals and Complaints

Students may lodge a complaint or an appeal about a decision (including assessment decisions) through the VET trainer.

Course Cost: Preliminary - \$85 HSC - \$85

School Specific equipment and associate requirements for students:
Steel capped boots, cotton drill work shirt.

Refunds

Refund Arrangements on a pro-rata basis.
 Please refer to your school refund policy

A school-based traineeship is NOT available in this course, for more information: <https://education.nsw.gov.au/public-schools/career-and-study-pathways/school-based-apprenticeships-and-traineeships>

Exclusions: VET course exclusions can be checked on the NESA website at <http://educationstandards.nsw.edu.au/wps/portal/nesa/11-12/stage-6-learning-areas/vet/course-exclusions>

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Disclaimer: If you require accessible documents, please contact your VET coordinator for support