

Vocational Education and Training in Schools

There are many reasons to consider studying a VET course:

- **Experience of the workplace**, employer expectations and contact with key employers
- Provide focus and skills for **career planning**
- Receive **recognition from industry** and NESA for the HSC
- Acquire **skills and competencies** that are recognised all over Australia through the Australian Qualifications Framework
- Develop key **industry skills** as well as **foundation skills** in taking initiative, problem solving and communication as well as working independently and in teams
- Begin **preparation** for a career in a chosen area while still at school
- Gain **recognition for industry** courses successfully completed at school when applying for study at TAFE and other training providers post-school
- Acquire **a range of skills**, which can be used in a wide range of employment and higher education settings



NATIONALLY RECOGNISED
TRAINING

Qualification Eligibility

Students who are assessed as competent (through integrated competency assessment) in the units of competency in Engineering may be eligible for an Australian Qualifications Framework qualification in:

- MEM10119 Certificate I in Engineering and SOA towards MEM20422 Certificate II in Engineering Pathways; or
- Statement of Attainment towards this qualification

Further Information

For further information about this course you can approach the following people:

Your Careers Adviser or VET Coordinator

or

AISNSW VET Consultant

The Association of Independent Schools
Level 12, 99 York Street
Sydney

Ph: 9299 2845
www.aisnsw.edu.au



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Disclaimer: Information is correct at the time of publication, however, is subject to change.

MEM10119 & MEM20422

Manufacturing & Engineering - Introduction

MEM10119 Certificate I in Engineering and Statement of Attainment (SOA) towards MEM20422 Certificate II in Engineering Pathways



RTO
RTO No: 90413

Manufacturing & Engineering - Introduction

MEM10119 Certificate I in Engineering and Statement of Attainment towards MEM20422 Certificate II in Engineering Pathways (MEM & MEM05) Training Package

Status

NSW NESA Board Endorsed Course, 240 hours.

Special Features & Conditions

- Competency based assessment of skills and knowledge
- Leads to a nationally recognised AQF qualification

Content

Manufacturing & Engineering - Introduction is a combined course from two qualifications, organised around core units and a selection of elective units e.g.:

- Work safely and effectively in manufacturing and engineering
- Organise and communicate information
- Perform engineering measurements
- Undertake manual handling
- Use workshop machines for basic operations
- Carry out mechanical cutting
- Undertake a basic engineering project
- Use power tools/hand held operations

Course Costs

This course may require the payment of a fee to cover the cost of consumables, resources and personal protective equipment.

Your school or work placement will provide you with details of any course costs including any rights you may have to receive a refund if you withdraw from the course.

There may be activities, printed or on-line resources and personal protective equipment costs associated with this course.

Who is this Course Designed For?

This course is designed for students who want to learn about the competencies to work at the basic production operator level in manufacturing, engineering and related industry areas.

Job Roles

Possible job titles relevant to this qualification include:

- Operator-production worker or operator-process worker
- Product Designer, Patternmaker, Fabricator
- Metallurgist, Tester and Finisher
- Fitter Machinist, Fitter And Turner
- Boilermaker (welding and joining), Toolmaker,
- Sheet Metal Worker or Blacksmith

Pathways and Careers

After achieving this qualification candidates may undertake MEM20105 Certificate II in Metal and Engineering. Further training can involve a traineeship or further studies at TAFE, University or other training providers.

Work Placement

Work placement is a mandatory component of this course. For the NESA 240 hour course, 35 hours of work placement must be undertaken. Your school or Work Placement Service Providers may source placements.

Part-time Work

Under certain circumstances, students' part time work may be used to fulfill work placement requirements. The work must be relevant to the course and units of competency within the course.

Assessment

Assessment is competency based and can include:

- observation during class and work placement
- written tasks
- practical tasks
- skills tests
- competency tests

To be assessed as competent, a student must demonstrate to a qualified assessor that they can effectively carry out various tasks to industry standard.

Recognition for Prior Learning RPL

Students may have their current knowledge, skills and experience relevant to the units of competency within the course recognised, provided they can produce current, quality evidence of their competency.

Complaints and Appeals

Your school has appropriate mechanisms and services for students to have complaints and appeals addressed efficiently and effectively. If you have concerns about aspects of the course, such as resources, facilities, another person, an assessment task or result, you have the right to raise your concerns with your school.

Support in the Classroom

To develop skills and knowledge to industry standards, students with additional learning needs may require reasonable adjustments to be made for them. These adjustments could also apply in the workplace. Students will need to contact their teacher or support teacher so that adjustments can be put in place.