



CHANEL COLLEGE
Justice Respect Compassion

MEM10119 Certificate I in Engineering

Certificate

QUALIFICATION

MEM10119 Certificate I in Engineering qualification is based on units of competency selected from pathways described in the Metal and Engineering Package (MEM).

To achieve the qualification, students must achieve competence in one core unit of competency, and in 14 points from the specialisation units of competency.

COURSE STRUCTURE

The course consists of 1 core competencies and 7 Elective Competency Standard Unit points. A selection of the electives will be decided by the teacher delivering the course.

Units of Competency		Core / Elective
MEM13015	Work safely and effectively in manufacturing and engineering	Core
MEM16006	Organise and communicate information	Listed Elective
MEM11011	Undertake manual handling	Listed Elective
MEM18001	Use hand tools	Listed Elective
MEM05004	Perform routine oxy-acetylene welding	Listed Elective
MEM05012	Perform routine manual metal arc welding	Listed Elective
MEM07032	Use workshop machines for basic operations	Listed Elective
MEM18002	Use power tools / hand held operations	Listed Elective
MEM120213	Perform engineering measurements	Listed Elective

LEARNING EXPERIENCE

A key principle of this course is that the workshop and learning environment is treated as a **simulated workplace environment**.

ASSESSMENT

Assessment for the modules of this subject is competency based. Students need to demonstrate that they complete all of the tasks required in the module to be considered competent.

Assessment includes:

- practical projects;
- online safety tests;
- theory workbooks.

PATHWAYS

This subject could lead to careers in construction or engineering.

RESOURCES REQUIRED

Students are to provide safety wear: -

- cotton drill over shirt;
- safety glasses;
- leather topped shoes.

Access to internet at home is desirable.

FURTHER INFORMATION

Contact Sue Going, Careers and VET Program Leader for further information. Students will also be provided with access to a VET Student handbook.

SERVICE AGREEMENT

This is a two-year course. Students will be provided with every opportunity to complete the certificate as per the rights and obligations outlined in the VET Quality Framework. Students successfully achieving all qualification requirements will be provided with a Qualification and record of results. Students who achieve at least one unit (but not the full qualification) will receive a Statement of Attainment. This may provide RPL evidence for training providers such as TAFE Queensland.

Parents and students are also required to sign a Services Agreement prior to the students commencing a VET Qualification at Chanel College.

** This qualification will be offered subject to the availability of human and physical resources. **