



Engineering

MEM10105

Certificate I in Engineering

All information correct as of Mar 2019

ABOUT THE COURSE

The minimum requirements for achievement of the Certificate I in Engineering are:

- Completion of all of the core units of competency listed below, and
- Completion of elective units listed below to the value of at least 24 points.

Points associated with prerequisites count towards the total (refer to units and prerequisites listing in Appendix 2, Volume 1).

Appropriate elective units to the value of 5 points may be chosen from other endorsed Training Packages and accredited courses where those units are available for inclusion at Certificate I. Note that the elective units listed below include all of the units that are approved for selection from the MEM Training Package for use qualification. This meets the NQC requirement that one sixth of the total units must be able to be selected from other qualifications in the same Training Package.

JOB ROLES

This course will prepare participants with skills and knowledge of welding and fabrication.

PATHWAYS FROM THIS QUALIFICATION

Progression to a Certificate II in Engineering or industry qualification or skills set.

COURSE REQUIREMENTS

There are no entry requirements for this course.

COURSE LOCATION, DURATION AND MODE OF STUDY

Locations: Batchelor Campus and Remote communities

Duration: 6 - 12 months fulltime study

Mode: Workshop (on community), Workplace

Workshops: This course includes approx. 8 x 1 week long workshops, delivered in 2 week workshops

COURSE FEES

Students who are Northern Territory (NT) residents **and** wish to enrol in a course that is subsidised by the Northern Territory and/ or Commonwealth Government **and** who are enrolled in a course AQF level II and below, will not be charged course fees.

Freecall 1800 677 095
Email enquiries@batchelor.edu.au
RTO provider 0383

batchelor.edu.au



**Batchelor
Institute**

More information regarding course fees can be found on the Batchelor Institute website
<https://www.batchelor.edu.au/students/fees/>

MATERIALS AND EQUIPMENT

The learner must provide the following materials and equipment:
➤ Basic stationery—paper, pencil, pen

COURSE REQUIREMENTS

4 core units are require **plus** completion of elective units listed below to the value of at least 24 points.

Core Units (4 required)

Unit Code	Unit Title	Nominal Hours
MEM13014A	Apply principles of occupational health and safety in the work environment	10
MEM14004A	Plan to undertake a routine task	10
MEM15024A	Apply quality procedures	10
MEM16007A	Work with others in a manufacturing, engineering or related environment	10

Elective Units (24 point* required)

Unit Code	Unit Title	Nominal Hours	Points*
MEM05004C	Perform routine oxy acetylene welding	20	2
MEM05006C	Perform brazing and/or silver soldering	20	2
MEM05007C	Perform manual heating and thermal cutting	20	2
MEM05012C	Perform routine manual metal arc welding	20	2
MEM05013C	Perform manual production welding	20	2
MEM03001B	Perform manual production assembly	40	4
MEM16006A	Organise and communicate information	20	2
MEM18001C	Use hand tools	20	2
MEM18002B	Use power tools/hand held operations	20	2
MEM12001B	Use comparison and basic measuring devices	50	2
MEM11011B	Undertake manual handling	20	2



General information

BACHELOR INSTITUTE ENTRY REQUIREMENTS

Literacy and Numeracy

When you enrol in a course at Batchelor Institute, you should be able to speak, read and write in English at the level required for the course you are undertaking. If you need help to improve your literacy and numeracy skills, there are specific courses and other assistance available.

Minimum age for students

Students must meet the minimum age requirement to be able to enrol with Batchelor Institute. The minimum age will depend on several factors.

Where:

- Training is delivered in a regional or remote community, and the student no longer engages and/or participates in secondary schooling, the student must be 15 years or older at the time training commences
- Training is delivered on the Batchelor Campus or Desert People Centre Campus, and where the student attends training during the day, but are not accommodated overnight, the student must be 17 years or older at the time training commences; or
- Training is delivered in any location, and the student requires to be travelled by Batchelor Institute to a training delivery location, the student must be 18 years or older at the time training commences.

ABSTUDY

You will need to apply to ABSTUDY once you have enrolled at Batchelor Institute so your travel can be arranged (if travel is applicable). To do this you will need to obtain a VET Enrolment and Fees Invoice from Batchelor Institute and then take it to your nearest Centrelink Office, to complete an ABSTUDY application.

STUDENT TRAVEL

If you have to live away from home while you are attending a workshop, your travel, accommodation and meals will be organised and paid for, by Batchelor Institute, if you are in receipt of ABSTUDY and are enrolled in a course subsidised by the NT Government.

RECOGNISING YOUR KNOWLEDGE

Batchelor Institute recognises the importance of skills and knowledge that you may already have. You may have gained these through other work or study you have done or through life experience.

Recognition of Prior Learning (RPL) is a process that tries to match these skills and knowledge to the outcomes of your course to assess whether you have achieved the required learning outcomes. If you think you are eligible for RPL, contact us for more information.

Batchelor Institute also recognises qualifications and statements of attainments gained from any other Australian Registered Training Organisation, where nationally accredited training has been undertaken. This form of recognition may include Credit Transfers.

EDUCATIONAL AND STUDENT SUPPORT

Students who have been identified as needing extra support services besides those already identified will have the extra support identified within their individual training plan and the support services will be arranged accordingly.

Student Support

Freecall: 1800 677 095 | Email: student.support@batchelor.edu.au

TIMETABLES

Timetables for students attending workshops at the Batchelor or Desert Peoples Centre Campuses can be found here: <https://www.batchelor.edu.au/students/timetables/>

OTHER COURSES

Batchelor Institute offers many VET courses across a range of different disciplines. You can study courses relating to community services, construction, health, business, education, resource and infrastructure and creative arts.

To get more information about Batchelor Institute and the courses we offer, go to:

<https://www.batchelor.edu.au/students/courses/vet-courses/>

FOR MORE INFORMATION

Please visit: <https://training.gov.au/Training/Details/MEM10105>