

Course	Tuition duration (in weeks)	Work placement (in weeks / hours)	Holiday Breaks (in weeks)	Total (in weeks)	Course Fees
MEM40119 Certificate IV in Engineering (CRICOS Code 0100617)	56 Weeks	24 Weeks (768 Hours)	22 Weeks	102 Weeks	Tuition Fee:\$21,000 Materials and Equipment Fee: \$3,000 Admin Fees: \$300 Total Fees payable: \$24,300
MEM50119 Diploma of Engineering – Advanced Trade (CRICOS Code 0100610)	68 Weeks	24 Weeks (768 Hours)	28 Weeks	120 Weeks	Tuition Fee:\$26,000 Materials and Equipment Fee: \$3,500 Admin Fees: \$300 Total Fees payable: \$29,800

*Packaged course of Certificate IV in Engineering + Diploma of Engineering - Advanced Trade - special promotional price of \$27,300.

*Packaged course of Certificate IV in Engineering + Diploma of Engineering - Advanced Trade - student will get a credit transfer for the units of competencies completed in Certificate IV in Engineering course.

After completion of the Certificate IV course, course duration for the Diploma of Engineering - Advanced Trade course will be reduced to 12 Tuition Weeks + Holidays.

MEM40119

CERTIFICATE IV

IN ENGINEERING

RTO ID : 45356 | CRICOS CODE : 03685G | CRICOS COURSE CODE : 0100617



NATIONALLY RECOGNISED
TRAINING



Qualification:

This course has been designed for International Students and Domestic Students studying in Australia and will provide successful students with a Nationally Recognised Qualification of Certificate IV in Engineering (MEM40119).

Pathways:

Further training pathways from this qualification include MEM50119 Diploma of Engineering - Advanced Trade or other relevant qualifications.

Course Duration

This course has been designed to be delivered over **102** weeks.

56 Tuition Weeks | **24** Work Placement Weeks | **22** Holiday Weeks

Contact Hours:

Classes are held for 20 student contact hours per week which equates to 1120 student contact hours. This may be achieved with a schedule such as 3 days per week (2 days of 8 hours, and 1 day of 4 hours per week). While the timetable may vary it will always maintain 20 student contact hours per week. Students will be required to undertake 24 weeks of work placement throughout the program. The work placement will be for 32 hours per week (4 days) and students will perform a range of duties in line with the program outcomes. Students will also be required to allocate some time each week to undertake some self-study (e.g. self-directed learning through activity books, case studies, and assignments). Students should be able to allocate approximately 4 hours per week outside of allocated class time. This equates to approximately 224 hours of self-study. Courses are run regularly throughout the year. Please refer to the RTO for exact course dates.

Tuition Fee:

Costs for this program are as follows

Tuition Fee **\$21,000** | Materials Fee **\$3,000** | Admin Fee **\$300**

Total Payable Fees **\$24,300**

(Above tuition fees apply for admission by direct entry. Credit for relevant units of competency achieved should be granted towards this qualification for those who have completed MEM30205/MEM30219 Certificate III in Engineering – Mechanical Trade, MEM30305/MEM30319 Certificate III in Engineering – Fabrication Trade, or other relevant qualifications)

Who can undertake the training?

Students are required to meet the following entry requirements:

- Applicant must be 18 years of age or older
- An IELTS score of 5.5 or PTE Academic Score of 45.4
- (or equivalent English Language Testing Score) is required for International students entering into this program* Applicants might be asked to take an AIE English Placement Test
- Students must successfully complete a LLN test to confirm the ability to effectively undertake the course
- This program has been designed to be delivered through classroom-based delivery and students must have the ability to attend the scheduled sessions as per the timetable and allocate some self-study time.
- Students will be required to have access to a computer (or laptop) with internet connection for self-study purposes.

Note: Exception on English Requirement for international students

Applicant who is a citizen and holds a passport from UK, USA, Canada (excluding French province), NZ or Republic of Ireland, will not be required to present any English evidence as part of application with AIE.

How is the course trained and assessed?

- This program is to be delivered in a classroom-based environment with access to a fully equipped engineering workshop.
- All theory and practical based delivery and assessment will occur within the designated classrooms and engineering workshop of the RTO through structured training sessions from a qualified Trainer / Assessor employed by the RTO. At these training sessions a qualified Trainer/ Assessor will provide the required skills and knowledge as per the unit content and will ensure the learning is imparted.
- In addition students are required to undertake work placement and engage with industry and on-the-job training to enhance their skills and knowledge.
- The course also involves students completing some reading and written work outside the scheduled classroom delivery time.
- The assessment process will include the gathering of evidence to demonstrate the student's competence.
- The assessments include theory and practical tasks and will be clearly documented in the assessment documents. Assessments will include tasks such as written questions, practical demonstrations, case studies and assignments.





How do I enrol?

Your part in the enrolment process is triggered by you completing an Application Form to study with Australian Institute of Engineering. Which Can be filled online on our website.

To apply and enrol in this course with Australian Institute of Engineering you will be required to complete the following steps:

1. Read and understand the information contained in this course brochure and the International Student Information Handbook.
2. Complete the Application Form online to declare that you understand all of the information provided and confirm your interest in the selected course. This will include providing a range of information and documents to support your application.
3. You will then receive a Letter of Offer and Written Agreement confirming your enrolment details which must be signed and returned to confirm your enrolment with Australian Institute of Engineering
4. Undertake a Language, Literacy and Numeracy test at Australian Institute of Engineering prior to your commencement of the course.

Course Structure:

Certificate IV in Engineering (MEM40119) covers the skills and knowledge required for employment as a Higher Engineering Tradesperson or a

Special Class Engineering Tradesperson Level III of :

Mechanical | Fabrication | Electrical/Electronic

within the metal, engineering, manufacturing and associated industries or at equivalent levels in other industries where Engineering Tradespersons work.

Units

Students need to complete **Forty-Two (42)** units of

competency, consisting of : **12** Core units | **30** Elective units

CORE UNITS

Unit Code	Unit Name
MEM09002*	Interpret technical drawing
MEM11011*	Undertake manual handling
MEM12023*	Perform engineering measurements
MEM12024*	Perform computations
MEM13015	Work safely and effectively in manufacturing and engineering
MEM14006*	Plan work activities
MEM16006*	Organise and communicate information
MEM16008*	Interact with computing technology
MEM17003*	Assist in the provision of on-the-job training
MEM18001*	Use hand tools
MEM18002*	Use power tools/hand held operations
MSMENV272	Participate in environmentally sustainable work

ELECTIVE UNITS (GROUP A)

Unit Code	Unit Name
MEM12025*	Use graphical techniques and perform simple statistical computations
MEM16010*	Write reports
MEM16012*	Interpret technical specifications and manuals
MEM16014*	Report technical information
MEM17001*	Assist in development and deliver training in the workplace
MEM18011*	Shut down and isolate machines/equipment
MEM24012*	Apply metallurgy principles

ELECTIVE UNITS (GROUP B)

Unit Code	Unit Name
MEM05004*	Perform routine oxy gas welding
MEM05005*	Carry out mechanical cutting
MEM05007*	Perform manual heating and thermal cutting
MEM05010*	Apply fabrication, forming and shaping techniques
MEM05012*	Perform routine manual metal arc welding
MEM05037*	Perform geometric development
MEM05049*	Perform routine gas tungsten arc welding
MEM05050*	Perform routine gas metal arc welding
MEM05052*	Apply safe welding practices
MEM05056*	Perform routine flux core arc welding
MEM11016*	Order materials
MEM12007*	Mark off/out structural fabrications and shapes
MEM24001*	Perform basic penetrant testing
MEM05072*	Perform advanced welding using manual metal arc welding process
MEM05073*	Perform advanced welding using gas metal arc welding process
MEM05074*	Perform advanced welding using gas tungsten arc welding process
MEM05084*	Perform advanced welding using flux core arc welding process
MEM05085*	Select welding processes
MEM05089*	Assemble fabricated components
MEM05090*	Weld using manual metal arc welding process
MEM05091*	Weld using gas metal arc welding process
MEM05092*	Weld using gas tungsten arc welding process
MEM05096*	Weld using flux core arc welding process

Please Note:

The above units have listed pre-requisite units that are listed within the Training Package and the AIE Engineering Qualifications Overview. All elective units are included and accounted for within the unit selection and order of delivery.



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MEM50119

DIPLOMA

OF ENGINEERING ADVANCED TRADE

RTO ID : 45356 | CRICOS CODE : 03685G | CRICOS COURSE CODE : 0100610



NATIONALLY RECOGNISED
TRAINING



Qualification:

This course has been designed for International Students and Domestic Students studying in Australia and will provide successful students with a Nationally Recognised Qualification of Diploma of Engineering - Advanced Trade (MEM50119).

Pathways:

Further training pathways from this qualification include transition into technical work through completion of the MEM60119 Advanced Diploma of Engineering or undertaking other relevant qualifications.

Course Duration

This course has been designed to be delivered over **120 weeks**.

68 Tuition Weeks | **24** Work Placement Weeks | **28** Holiday Weeks

Contact Hours:

Classes are held for 20 student contact hours per week which equates to 1360 student contact hours. This may be achieved with a schedule such as 3 days per week (2 days of 8 hours, and 1 day of 4 hours per week). While the timetable may vary it will always maintain 20 student contact hours per week.

Students will be required to undertake 24 weeks of work placement throughout the program. The work placement will be for 32 hours per week (4 days) and students will perform a range of duties in line with the program outcomes.

Students will also be required to allocate some time each week to undertake some self-study (e.g. self-directed learning through activity books, case studies, and assignments). Students should be able to allocate approximately 4 hours per week outside of allocated class time. This equates to approximately 272 hours of self-study. Courses are run regularly throughout the year. Please refer to the RTO for exact course dates.

Tuition Fee:

Costs for this program are as follows

Tuition Fee **\$26,000** | Materials Fee **\$3,500** | Admin Fee **\$300**

Total Payable Fees **\$29,800**

(Above tuition fees apply for admission by direct entry. Credit for relevant units of competency achieved should be granted towards this qualification for those who have completed MEM40105/MEM40119 Certificate IV in Engineering, MEM30205/MEM30119 Certificate III in Engineering – Mechanical Trade, MEM30305/MEM30119 Certificate III in Engineering – Fabrication Trade, or other relevant qualifications)

Who can undertake the training?

Students are required to meet the following entry requirements:

- Applicant must be 18 years of age or older
- An IELTS score of 5.5 or PTE Academic Score of 45.4
- (or equivalent English Language Testing Score) is required for International students entering into this program* Applicants might be asked to take an AIE English Placement Test
- Students must successfully complete a LLN test to confirm the ability to effectively undertake the course
- This program has been designed to be delivered through classroom-based delivery and students must have the ability to attend the scheduled sessions as per the timetable and allocate some self-study time.
- Students will be required to have access to a computer (or laptop) with internet connection for self-study purposes.

Note: Exception on English Requirement for international students

Applicant who is a citizen and holds a passport from UK, USA, Canada (excluding French province), NZ or Republic of Ireland, will not be required to present any English evidence as part of application with AIE.

How is the course trained and assessed?

- This program is to be delivered in a classroom-based environment with access to a fully equipped engineering workshop.
- All theory and practical based delivery and assessment will occur within the designated classrooms and engineering workshop of the RTO through structured training sessions from a qualified Trainer / Assessor employed by the RTO. At these training sessions a qualified Trainer/ Assessor will provide the required skills and knowledge as per the unit content and will ensure the learning is imparted.
- In addition students are required to undertake work placement and engage with industry and on-the-job training to enhance their skills and knowledge.
- The course also involves students completing some reading and written work outside the scheduled classroom delivery time.
- The assessment process will include the gathering of evidence to demonstrate the student's competence.
- The assessments include theory and practical tasks and will be clearly documented in the assessment documents. Assessments will include tasks such as written questions, practical demonstrations, case studies and assignments.



How do I enrol?

Your part in the enrolment process is triggered by you completing an Application Form to study with Australian Institute of Engineering. Which Can be Download from our Website.

To apply and enrol in this course with Australian Institute of Engineering you will be required to complete the following steps:

1. Read and understand the information contained in this course brochure and the International Student Information Handbook.
2. Complete the Application Form online to declare that you understand all of the information provided and confirm your interest in the selected course. This will include providing a range of information and documents to support your application.
3. You will then receive a Letter of Offer and Written Agreement confirming your enrolment details which must be signed and returned to confirm your enrolment with Australian Institute of Engineering.
4. Undertake a Language, Literacy and Numeracy test at Australian Institute of Engineering prior to your commencement of the course.

Course Structure:

Diploma of Engineering - Advanced Trade (MEM50119) covers the skills and knowledge required for employment as an **Advanced Engineering Tradesperson - Level II** within the metal, engineering, manufacturing and associated industries or at equivalent levels in other industries where Engineering Tradespersons work.

Units

Students need to complete **Forty-Nine (49)** units of competency, consisting of: **18** Core units | **31** Elective units

CORE UNITS

Unit Code	Unit Name
MEM09002*	Interpret technical drawing
MEM11011*	Undertake manual handling
MEM12023*	Perform engineering measurements
MEM12024*	Perform computations
MEM12025*	Use graphical techniques and perform simple statistical computations
MEM12026*	Perform advanced trade calculations in a manufacturing, engineering or related environment
MEM13015	Work safely and effectively in manufacturing and engineering
MEM14006*	Plan work activities
MEM16006*	Organise and communicate information
MEM16008*	Interact with computing technology
MEM16009*	Research and analyse engineering information
MEM16011*	Communicate with individuals and small groups
MEM16012*	Interpret technical specifications and manuals
MEM16014*	Report technical information
MEM17003*	Assist in the provision of on-the-job training
MEM18001*	Use hand tools
MEM18002*	Use power tools/hand held operations
MSMENV272	Participate in environmentally sustainable work

ELECTIVE UNITS (GROUP A)

Unit Code	Unit Name
MEM05004*	Perform routine oxy gas welding
MEM05005*	Carry out mechanical cutting
MEM05007*	Perform manual heating and thermal cutting
MEM05010*	Apply fabrication, forming and shaping techniques
MEM05012*	Perform routine manual metal arc welding
MEM05037*	Perform geometric development
MEM05049*	Perform routine gas tungsten arc welding
MEM05050*	Perform routine gas metal arc welding
MEM05052*	Apply safe welding practices
MEM05056*	Perform routine flux core arc welding
MEM11016*	Order materials
MEM12007*	Mark off/out structural fabrications and shapes
MEM24001*	Perform basic penetrant testing
MEM05072*	Perform advanced welding using manual metal arc welding process
MEM05073*	Perform advanced welding using gas metal arc welding process
MEM05074*	Perform advanced welding using gas tungsten arc welding process
MEM05084*	Perform advanced welding using flux core arc welding process
MEM05085*	Select welding processes
MEM05089*	Assemble fabricated components
MEM05090*	Weld using manual metal arc welding process
MEM05091*	Weld using gas metal arc welding process
MEM05092*	Weld using gas tungsten arc welding process
MEM05096*	Weld using flux core arc welding process

ELECTIVE UNITS (GROUP B)

Unit Code	Unit Name
MEM12003*	Perform precision mechanical measurement
MEM18011*	Shut down and isolate machines/equipment

ELECTIVE UNITS (GROUP C)

Unit Code	Unit Name
MEM09009*	Create 2D drawings using computer aided design system
MEM09010*	Create 3D models using computer aided design system
MEM16001*	Give formal presentations and take part in meetings
MEM16010*	Write reports
MEM17001*	Assist in development and deliver training in the workplace
MEM24012*	Apply metallurgy principles

What else do you need to know?

Successful completion of the course will result in you being awarded the Qualification of Diploma of Engineering - Advanced Trade (MEM50119). Should the student successfully complete only one or more of the Units of Competency, but not the required 49 Units of Competency, the student will be issued with a Statement of Attainment at the time of completion or withdrawal. For re-issuance of Certificates and Statements of Attainments the student will be charged \$25 per document required. Payment for the re-issuance of such documents is required prior to the re-issuance occurring by the RTO.

Please Note:

The above units have listed pre-requisite units that are listed within the Training Package and the AIE Engineering Qualifications Overview. All elective units are included and accounted for within the unit selection and order of delivery.



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MEM80122 Graduate Diploma of Engineering

CRICOS Course Code: 112028A

The MEM80122 Graduate Diploma of Engineering provides the skills and knowledge for people performing the role of a Principal Technical Officer or equivalent in a range of engineering disciplines.



INTAKES
We have monthly intakes available.

Please visit following link:
<https://www.auie.edu.au/intake-dates/>



UNITS OF STUDY
7 Units
(3 Core Units + 4 Elective Units)



DURATION
104 Weeks
(Includes 400 hours work component)



CAMPUS
Melbourne, Australia



TOTAL FEES: \$23,300
Tuition Fee: \$20,000
Non-tuition fee: \$3000
Enrolment fee: \$300

CAREER OUTCOMES

Why is Engineering a great career choice?

If you are thinking of becoming an engineer, you're at the start of a great and fulfilling career choice. Engineering is about creation. Creative innovation. Changing lives. Changing the world.

Engineering today is a highly sought-after profession not just in Australia but globally. Engineering students study a wide range of subjects and the skills an engineer develops such as creative ideation, problem solving, logical deduction are valued in a range of careers.

This course allows you to acquire expertise across various engineering principles which can propel you into an exciting career in civil engineering, industrial, metallurgy, mechanical and production engineering. The world will be your oyster.

Growth prospects in Australia for engineers are 'very strong' with projected growth above 90% predicted over the next 10 years.
(source: <https://joboutlook.gov.au/>).

Course Structure

Core Units

Unit Code	Unit Name
MEM234002	Integrate engineering technologies
MEM234035	Maintain and apply technical and engineering skills
MSAENV672	Develop workplace policy and procedures for environmental sustainability

Elective Units

Unit Code	Unit Name
MEM234001	Plan and manage engineering-related projects or operations
MEM234021	Apply statistics to technology problems
MEM234028	Produce and manage technical documentation
MEM234029	Produce and manage technical publications

ENTRY REQUIREMENTS

Am I Eligible?

Academic requirements for the MEM80122 Graduate Diploma of Engineering are:

- Bachelor Degree; or other higher education qualification, with relevant vocational practice in an engineering related role, or a
- an Advanced Diploma of Engineering or a Diploma of Engineering, or a
- relevant Certificate IV or Certificate III together with significant relevant vocational practice in an engineering related role.

English Language Requirements

All applicants from a non-English speaking background must also supply one of the following as a condition for admission.

- IELTS: Overall band score of 6.0
 - IBT (Internet-based TOEFL): Overall score of 75 with a writing section minimum of 21
 - Cambridge Certificate of Proficiency in English (CPE): Grades A, B, C and C1
 - Cambridge Certificate of Advanced English (CAE): Total score of 52 or over
 - English for Academic Purposes (EAP 2): Grade A or Grade B
 - PTE Academic Module with score over 51
 - Certificate IV in ESL
- OR Completed an AQF qualification (Cert IV or higher) with a minimum duration of one year full-time study. The qualification must be less than 2 years old.

ASSESSMENT GUIDELINES

All Australian Institute of Engineering vocational courses are assessed through a combination of assessment methods including written reports, projects, role plays, presentations or essays.

Study Pathways

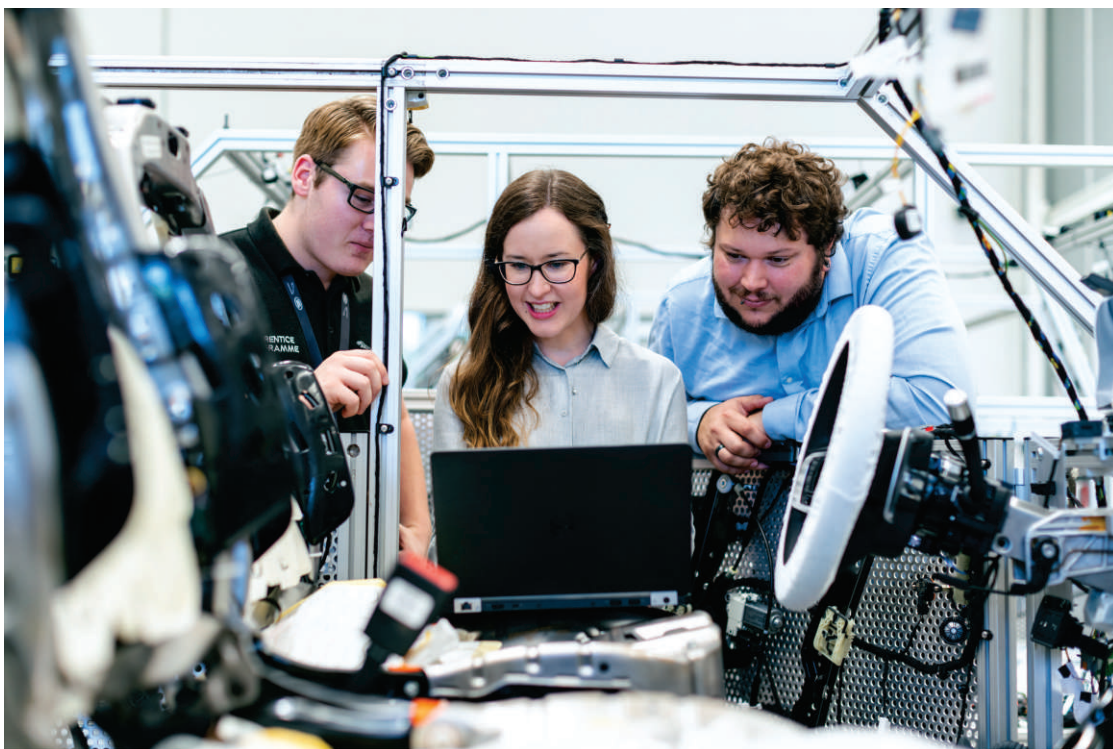
After achieving this qualification, candidates may undertake a Master of Engineering, Master of Business and Project Management (MBPM) or other suitable higher education qualification.

TO APPLY ONLINE GO TO:

www.auie.edu.au or contact our friendly team on info@auie.edu.au / +61 3 9302 1296

MEM80122 - GRADUATE DIPLOMA OF ENGINEERING | CRICOS Course Code: 112028A

MEM234002 - INTEGRATE ENGINEERING TECHNOLOGIES



Student Contact Hours
180

Work Placement Hours
85

Unit Descriptor

This unit of competency covers the skills required to integrate technologies, processes, components or equipment for projects or operations. Apart from engineering considerations the unit encompasses sustainability, occupational health and safety (OHS) and regulatory requirements and implications of the project.

Application of the Unit

This unit applies to individuals working as a Principal Technical Officer or in an equivalent engineering-related position who are required to integrate different technologies, processes, components or equipment. The unit applies to all forms of manufacturing and engineering operations. It is suitable for persons with system design, installation, commissioning and project or operational management responsibilities who have to integrate different technologies. The technologies may be all in one discipline or technical field or across engineering and related disciplines. For installation, commissioning and project or operational management application, the unit assumes that discretion as to the type and level of integration applies and the actual level of integration must be determined.

Prior or concurrently developed experience in the application of scientific principles, mathematics, materials, manufacturing processes, computer software for computer-aided design (CAD), system analysis, modelling and simulation, project work and risk management and experience in the technologies to be integrated is required.

MEM80122 - GRADUATE DIPLOMA OF ENGINEERING | CRICOS Course Code: 112028A

MEM234035 - MAINTAIN AND APPLY TECHNICAL AND ENGINEERING SKILLS



Student Contact Hours
160

Work Placement Hours
85

Unit Descriptor

This unit of competency covers the skills and knowledge required by a Principal Technical Officer, or someone in an equivalent position, to plan and manage their own technical role and development in their field of engineering for the benefit of themselves and their organisation. It covers the technical, analytical, communication and system skills to ensure effective performance in complex technical and engineering environments.

Application of the Unit

This unit applies to Principal Technical Officers and others in equivalent engineering and engineering-related positions in an organisation. The unit covers the skills required for an individual to manage their engineering role and provides the core underpinning skills for an individual to appropriately apply technical skills gained from other units of competency in the MEM80111 Vocational Graduate Diploma of Engineering. This unit applies to an individual performing high level engineering-related work whether in a project management, supervisory or technical specialist role in an organisation. The unit covers skills associated with ensuring that the individual's skills and knowledge in their chosen discipline or area of responsibility are up to date and appropriate for their work.

The unit applies across all forms of manufacturing and engineering. The unit covers high level technical, analytical, communication and system thinking skills.

MEM80122 - GRADUATE DIPLOMA OF ENGINEERING | CRICOS Course Code: 112028A

MSAENV672 - DEVELOP WORKPLACE POLICY AND PROCEDURES FOR ENVIRONMENTAL SUSTAINABILITY



Unit Descriptor

This competency covers the outcomes required to develop and implement a workplace sustainability policy, including the modification of the policy to suit changed circumstances.

This unit is based on the sustainability guideline standard GCSUS03A Develop workplace policy and procedures for sustainability.

Application of the Unit

This competency applies to team leaders/supervisors/managers who are required to develop approaches to environmental sustainability within workplaces, including the development and implementation of policy.

It includes:

- Communicating with relevant stakeholders
- Developing and monitoring sustainability policies
- Reviewing and improving sustainability policies.

This competency applies to all sectors of the manufacturing industry. It may also be applied to all sections of an organisation, including office, warehouse etc.

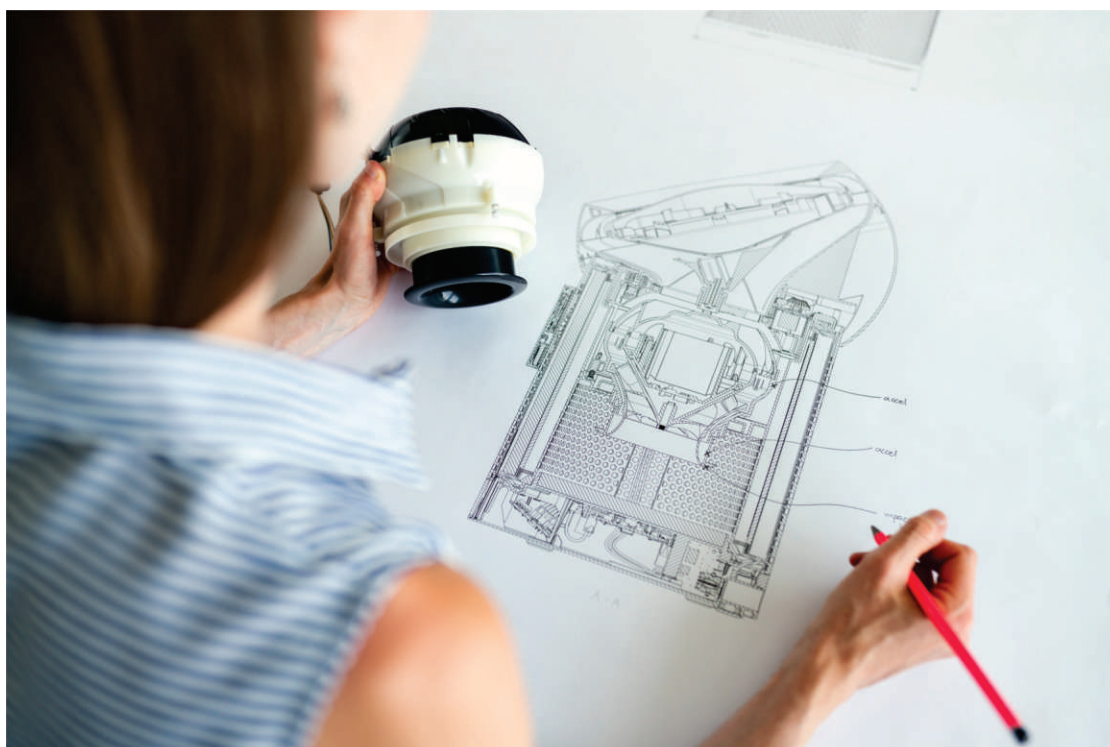
This unit will need to be appropriately contextualised as it is applied across an organisation and across different industry sectors.

Student Contact Hours
120

Work Placement Hours
45

MEM80122 - GRADUATE DIPLOMA OF ENGINEERING | CRICOS Course Code: 112028A

MEM234001 - PLAN AND MANAGE ENGINEERING-RELATED PROJECTS OR OPERATIONS



Student Contact Hours
170

Work Placement Hours
65

Unit Descriptor

This unit of competency covers the skills associated with high level planning and management of engineering-related projects or operations. The unit covers the skills required to plan, establish, maintain and manage complex engineering systems and resources associated with time-defined engineering-related projects or high level engineering operations management in a manufacturing or engineering-related organisation.

Application of the Unit

This unit applies to the planning and management of engineering-related projects or operations. Activities include significant project or operations management responsibilities and may require personal and electronic communication, self-directed and group activities, business planning, project or operations planning and scheduling, and an understanding of the technology, skills and techniques, and quality aspects required by the project or operations.

MEM80122 - GRADUATE DIPLOMA OF ENGINEERING | CRICOS Course Code: 112028A

MEM234021 - APPLY STATISTICS TO TECHNOLOGY PROBLEMS



Student Contact Hours
130

Work Placement Hours
40

Unit Descriptor

This unit of competency covers the application of advanced statistics in an engineering or related application. It includes probability distributions, correlation, inference and significance, and covers both the application of theory in simple calculations and the use of relevant statistical packages for more complex situations.

Application of the Unit

This unit applies to projects or tasks requiring advanced statistical analysis involving probability distributions, correlation, inference and significance, and the use of statistical tables and equations, either manually or through use of an appropriate statistics package. It is suitable for paraprofessionals and technologists required to solve advanced statistical problems in an engineering or related field, or those pursuing technologist careers and qualifications.

Prior or concurrent experience in probability and statistics covering central tendency, measures of variability and confidence limits is required.

MEM80122 - GRADUATE DIPLOMA OF ENGINEERING | CRICOS Course Code: 112028A

MEM234028 - PRODUCE AND MANAGE TECHNICAL DOCUMENTATION



Unit Descriptor

This unit of competency covers the skills and knowledge required to develop and produce engineering-related technical documentation and to manage documentation distribution and use within an organisation.

Application of the Unit

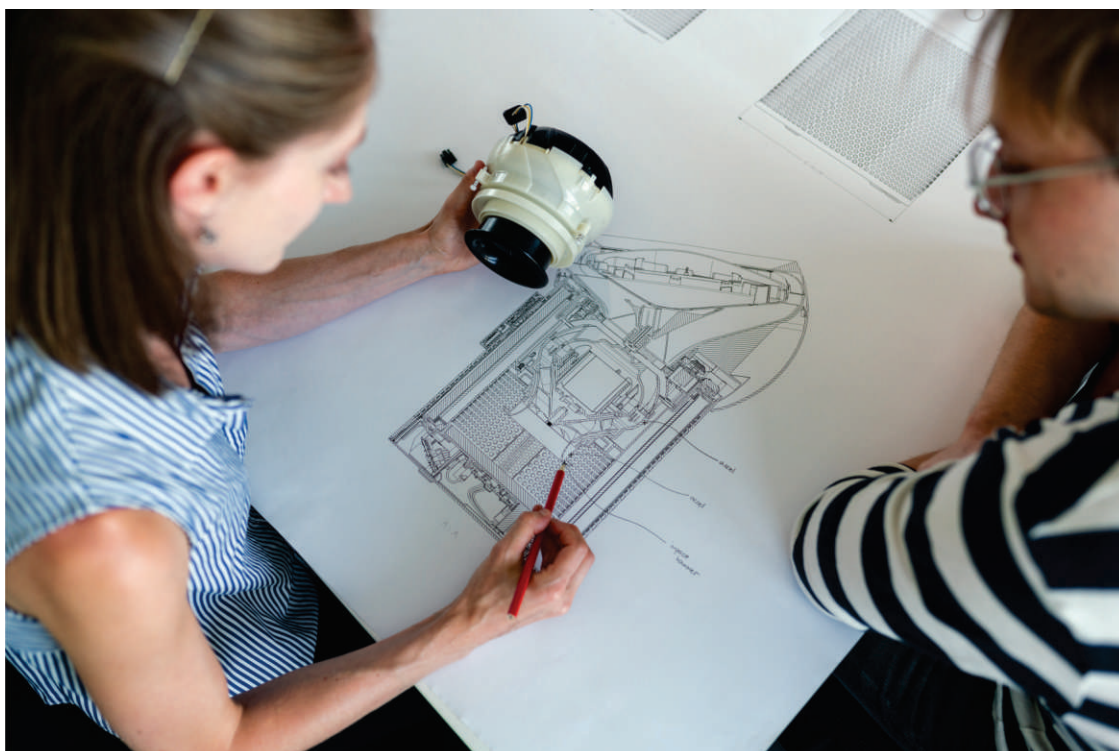
This unit applies where engineering skills and knowledge are required for the production and management of technical documentation for use within an organisation and by other users, such as contractors and dealers. Technical documentation may include production control records, work instructions and standard operating procedures, process specifications, occupational health and safety (OHS) procedures, quality procedures, contractor instructions, and documentation required to comply with legislative and regulatory requirements.

Student Contact Hours
140

Work Placement Hours
40

MEM80122 - GRADUATE DIPLOMA OF ENGINEERING | CRICOS Course Code: 112028A

MEM234029 - PRODUCE AND MANAGE TECHNICAL PUBLICATIONS



Student Contact Hours
140

Work Placement Hours
40

Unit Descriptor

This unit of competency covers the skills and knowledge required to develop and produce engineering-related technical publications and to manage publications within the organisation.

Application of the Unit

This unit applies where engineering skills and knowledge are required for the production and management of technical publications for use within the organisation and by downstream users, such as contractors and final customers.

Applications include workshop manuals, operating instructions, parts catalogues, procedures manuals and related technical publications.