



ENEP20001 *Internship Work Experience*

Term 3 - 2020

Profile information current as at 24/04/2024 02:44 am

All details in this unit profile for ENEP20001 have been officially approved by CQUniversity and represent a learning partnership between the University and you (our student). The information will not be changed unless absolutely necessary and any change will be clearly indicated by an approved correction included in the profile.

General Information

Overview

This unit provides you with the opportunity to apply skills and knowledge developed in your academic course to engineering practice. This unit will also develop new engineering practice skills and knowledge. You will document and reflect on work activities and relate them to Engineers Australia's Stage 1 Competency Standards and develop a strategic approach to personal growth in the workplace. You are required to undertake a minimum of 300 hours of work placement, which may require relocation of accommodation to suit the placement. Students should contact the unit coordinator prior to enrolment in this unit to discuss placement requirements.

Details

Career Level: *Postgraduate*

Unit Level: *Level 8*

Credit Points: *12*

Student Contribution Band: *8*

Fraction of Full-Time Student Load: *0.25*

Pre-requisites or Co-requisites

At least 36 credit points of the Master's course complete.

Important note: Students enrolled in a subsequent unit who failed their pre-requisite unit, should drop the subsequent unit before the census date or within 10 working days of Fail grade notification. Students who do not drop the unit in this timeframe cannot later drop the unit without academic and financial liability. See details in the [Assessment Policy and Procedure \(Higher Education Coursework\)](#).

Offerings For Term 3 - 2020

- Melbourne
- Perth
- Rockhampton

Attendance Requirements

All on-campus students are expected to attend scheduled classes - in some units, these classes are identified as a mandatory (pass/fail) component and attendance is compulsory. International students, on a student visa, must maintain a full time study load and meet both attendance and academic progress requirements in each study period (satisfactory attendance for International students is defined as maintaining at least an 80% attendance record).

Website

[This unit has a website, within the Moodle system, which is available two weeks before the start of term. It is important that you visit your Moodle site throughout the term. Please visit Moodle for more information.](#)

Class and Assessment Overview

Recommended Student Time Commitment

Each 12-credit Postgraduate unit at CQUniversity requires an overall time commitment of an average of 25 hours of study per week, making a total of 300 hours for the unit.

Class Timetable

[Regional Campuses](#)

Bundaberg, Cairns, Emerald, Gladstone, Mackay, Rockhampton, Townsville

[Metropolitan Campuses](#)

Adelaide, Brisbane, Melbourne, Perth, Sydney

Assessment Overview

1. **Written Assessment**

Weighting: 35%

2. **Written Assessment**

Weighting: 40%

3. **Portfolio**

Weighting: 10%

4. **Presentation**

Weighting: 15%

Assessment Grading

This is a graded unit: your overall grade will be calculated from the marks or grades for each assessment task, based on the relative weightings shown in the table above. You must obtain an overall mark for the unit of at least 50%, or an overall grade of 'pass' in order to pass the unit. If any 'pass/fail' tasks are shown in the table above they must also be completed successfully ('pass' grade). You must also meet any minimum mark requirements specified for a particular assessment task, as detailed in the 'assessment task' section (note that in some instances, the minimum mark for a task may be greater than 50%). Consult the [University's Grades and Results Policy](#) for more details of interim results and final grades.

CQUniversity Policies

All University policies are available on the [CQUniversity Policy site](#).

You may wish to view these policies:

- Grades and Results Policy
- Assessment Policy and Procedure (Higher Education Coursework)
- Review of Grade Procedure
- Student Academic Integrity Policy and Procedure
- Monitoring Academic Progress (MAP) Policy and Procedure – Domestic Students
- Monitoring Academic Progress (MAP) Policy and Procedure – International Students
- Student Refund and Credit Balance Policy and Procedure
- Student Feedback – Compliments and Complaints Policy and Procedure
- Information and Communications Technology Acceptable Use Policy and Procedure

This list is not an exhaustive list of all University policies. The full list of University policies are available on the [CQUniversity Policy site](#).

Previous Student Feedback

Feedback, Recommendations and Responses

Every unit is reviewed for enhancement each year. At the most recent review, the following staff and student feedback items were identified and recommendations were made.

Feedback from Student Evaluation

Feedback

Improvement in the placement process

Recommendation

The work integrated learning team is always working to improve the placement process.

Unit Learning Outcomes

On successful completion of this unit, you will be able to:

1. Analyse the structure, products and services of an engineering organisation
2. Apply skills and knowledge developed in the academic course to engineering practice in an engineering organisation
3. Demonstrate Engineers Australia Stage 1 Competencies through work activities
4. Reflect on and map Engineers Australia's Stage 1 Competency Standards to work activities
5. Develop a strategic approach to personal and professional growth in the workplace.

The focus of this unit is to give students an opportunity to see how to apply their engineering skills in the workplace and to realise there are other skills they need to develop. All of the Stage 1 competencies are relevant and students will also get a chance to see how the Stage 2 competencies are relevant in the workplace.

Alignment of Learning Outcomes, Assessment and Graduate Attributes



Alignment of Assessment Tasks to Learning Outcomes

Assessment Tasks	Learning Outcomes				
	1	2	3	4	5
1 - Knowledge	○				
2 - Communication			○		○
3 - Cognitive, technical and creative skills		○	○		
4 - Research	○	○			
5 - Self-management			○	○	○
6 - Ethical and Professional Responsibility			○	○	○
7 - Leadership			○	○	
8 - Aboriginal and Torres Strait Islander Cultures					

Alignment of Assessment Tasks to Graduate Attributes

Assessment Tasks	Graduate Attributes							
	1	2	3	4	5	6	7	8
1 - Written Assessment - 35%			○	○	○	○		
2 - Written Assessment - 40%			○	○	○	○	○	
3 - Portfolio - 10%					○	○	○	
4 - Presentation - 15%	○	○		○				

Textbooks and Resources

Textbooks

There are no required textbooks.

IT Resources

You will need access to the following IT resources:

- CQUniversity Student Email
- Internet
- Unit Website (Moodle)
- Microsoft office suite
- Zoom app on your smart phone or access to Zoom on your laptop
- Pdf creator/scanner

Referencing Style

All submissions for this unit must use the referencing style: [Harvard \(author-date\)](#)
For further information, see the Assessment Tasks.

Teaching Contacts

Mehdi Mirzababaei Unit Coordinator
m.mirzababaei@cqu.edu.au

Schedule

Week 1 - 09 Nov 2020

Module/Topic	Chapter	Events and Submissions/Topic
		Attend the host organisation

Week 2 - 16 Nov 2020

Module/Topic	Chapter	Events and Submissions/Topic
		Attend the host organisation

Week 3 - 23 Nov 2020

Module/Topic	Chapter	Events and Submissions/Topic
		Attend the host organisation

Week 4 - 30 Nov 2020

Module/Topic	Chapter	Events and Submissions/Topic
		Attend the host organisation

Vacation Week - 07 Dec 2020

Module/Topic	Chapter	Events and Submissions/Topic
		Attend the host organisation <i><u>This is not a vacation week at your host organisation. Please attend the host organisation</u></i>

Week 5 - 14 Dec 2020

Module/Topic	Chapter	Events and Submissions/Topic
		Attend the host organisation

Week 6 - 21 Dec 2020

Module/Topic	Chapter	Events and Submissions/Topic
		Attend the host organisation
		Submit the assessment item on or before the due date and time. Late submission penalty is 5% per day of the total marks.
		APPLICATION OF ENGINEERING KNOWLEDGE IN WORKPLACE Due: Week 6 Monday (21 Dec 2020) 11:59 pm AEST

Vacation Week - 28 Dec 2020

Module/Topic	Chapter	Events and Submissions/Topic
		Attend the host organisation
		<u>This is not a vacation week at your host organisation. Please attend the host organisation</u>

Week 7 - 04 Jan 2021

Module/Topic	Chapter	Events and Submissions/Topic
		Attend the host organisation

Week 8 - 11 Jan 2021

Module/Topic	Chapter	Events and Submissions/Topic
		Attend the host organisation

Week 9 - 18 Jan 2021

Module/Topic	Chapter	Events and Submissions/Topic
		Attend the host organisation
		Submit the assessment item on or before the due date and time. Late submission penalty is 5% per day of the total marks.
		PROFESSIONAL ENGINEERING PROJECT REPORT Due: Week 9 Monday (18 Jan 2021) 11:59 pm AEST

Week 10 - 25 Jan 2021

Module/Topic	Chapter	Events and Submissions/Topic
		Attend the host organisation

Week 11 - 01 Feb 2021

Module/Topic	Chapter	Events and Submissions/Topic
		Attend the host organisation

Week 12 - 08 Feb 2021

Module/Topic	Chapter	Events and Submissions/Topic
		Attend the host organisation
		Submit the assessment item on or before the due date and time. Late submission penalty is 5% per day of the total marks.
		PORTFOLIO Due: Week 12 Monday (8 Feb 2021) 11:59 pm AEST

Review/Exam Week - 15 Feb 2021

Module/Topic	Chapter	Events and Submissions/Topic

Attend the host organisation

Submit the assessment item on or before the due date and time. Late submission penalty is 5% per day of the total marks.

PRESENTATION Due: Exam Week
Monday (15 Feb 2021) 11:59 pm AEST

Exam Week - 22 Feb 2021

Module/Topic	Chapter	Events and Submissions/Topic
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Term Specific Information

Please follow the Unit Website of ENEP20001 for more information.

Assessment Tasks

1 APPLICATION OF ENGINEERING KNOWLEDGE IN WORKPLACE

Assessment Type

Written Assessment

Task Description

You will be required to provide pictorial evidence of the engineering, technical and nontechnical activities performed during the internship placement, and present those evidence in a detailed and formal engineering report format. The report will enable you to rethink of your actions/decisions made during the internship placement and demonstrate how you expanded your knowledge, maintained up-to-date technical skills and progress your engineering career.

Assessment Due Date

Week 6 Monday (21 Dec 2020) 11:59 pm AEST

Submit the assessment item on or before the due date and time. Late submission penalty is 5% per day of the allotted marks. Extension requests greater than 14 days will be denied except under exceptional circumstances. Any extension request submitted on the day of submission will be denied.

Return Date to Students

Week 8 Monday (11 Jan 2021)

Marked report is often returned to students within 2 weeks of submission.

Weighting

35%

Minimum mark or grade

50

Assessment Criteria

Your report should include, Pictorial evidence of the engineering activities you performed at the internship. A short paragraph/note to describe each of the image/figure/outcomes you provided. Detailed marking criteria of this assessment item can be found on the ENEP20001 Moodle site. The marking criteria sheet gives guidance regarding the type of evidence required for each level of achievement. It is important that you review the criteria sheet before commencing your internship placement at the host organisation, so you are familiar with the evidence you need to collect throughout the placement.

Any photo and other confidential information about the company must be accompanied by written permission from the hosting company.

Referencing Style

- [Harvard \(author-date\)](#)

Submission

Online

Submission Instructions

Report must be completed using the provided report template and submitted before the deadline.

Learning Outcomes Assessed

- Analyse the structure, products and services of an engineering organisation
- Apply skills and knowledge developed in the academic course to engineering practice in an engineering organisation
- Demonstrate Engineers Australia Stage 1 Competencies through work activities

Graduate Attributes

- Cognitive, technical and creative skills
- Research
- Self-management
- Ethical and Professional Responsibility

2 PROFESSIONAL ENGINEERING PROJECT REPORT

Assessment Type

Written Assessment

Task Description

You should write on a (min. 01) professional engineering project you completed while at the host organisation. Your report should meet the Engineers Australia Stage – 1 competency requirements, the marking criteria and cover all 16 components as mentioned in the Summary of Table of Competencies. You will be required to demonstrate how you applied/linked the theoretical engineering knowledge with real-world engineering practices.

Assessment Due Date

Week 9 Monday (18 Jan 2021) 11:59 pm AEST

Submit the assessment item on or before the due date and time. Late submission penalty is 5% per day of the allotted marks. Extension requests greater than 14 days will be denied except under exceptional circumstances. Any extension request submitted on the day of submission will be denied.

Return Date to Students

Week 11 Monday (1 Feb 2021)

Marked report is often returned to students within 2 weeks of submission.

Weighting

40%

Minimum mark or grade

50

Assessment Criteria

You will be required to demonstrate the engineering, technical and nontechnical activities you performed in this project, as well as your personal and professional developments and achievements in terms of the improvement in your communication, organisational and time management skills. In this report, you must comprehensively describe the actual work you performed. You should state what you did and then describe how you did it. Note, it is not sufficient to describe the activities performed by a team/group, your own role/actions must be clearly mentioned. Remember, your personal engineering competencies during the internship are being assessed not the internship host organisation you worked or the complexity of the project. A detailed report writing guideline and marking criteria of the project report can be found on the ENEP20001 Moodle site. The marking criteria sheet gives guidance regarding the type of evidence required for each level of achievement. It is important that you review the criteria sheet through your internship placement, so you are familiar with the evidence you need to collect.

Any photo and other confidential information about the company must be accompanied by written permission from the hosting company.

Referencing Style

- [Harvard \(author-date\)](#)

Submission

Online

Submission Instructions

Report must be completed using the provided report template and submitted before the deadline.

Learning Outcomes Assessed

- Apply skills and knowledge developed in the academic course to engineering practice in an engineering organisation
- Demonstrate Engineers Australia Stage 1 Competencies through work activities
- Develop a strategic approach to personal and professional growth in the workplace.

Graduate Attributes

- Cognitive, technical and creative skills
- Research
- Self-management
- Ethical and Professional Responsibility
- Leadership

3 PORTFOLIO

Assessment Type

Portfolio

Task Description

The Portfolio gives you the opportunity to demonstrate what you have learnt in this internship program. The portfolio should include all the component items and follow the sequence mentioned below:

- Portfolio cover page;
- Executive summary;
- Submission checklist;
- Table of contents;
- List of figures;
- Weekly log hours and work progress report;
- Summary of the table of competencies;
- Assignment 1: Application of engineering knowledge in the workplace;
- Assignment 2: Professional engineering project report;
- Appendix A: Up-to-date curriculum vitae;
- Appendix B: Internship Certificate and Signed Logbook; and
- A declaration stating that the content of this portfolio is your own work and you are aware of the University and faculty policy on plagiarism.

All components of the portfolio must be written (typed) in English using Times New Roman font (size 12), in your own words and will act as evidence of your communication skills. Each assessment item within the portfolio must clearly demonstrate your ability to apply engineering knowledge and skills. State what you did and describe how you did it, Emphasize on your role and your contribution to the project (for example I designed, I checked, I investigated etc.). Each component should discuss the engineering problems you identified and/or particular problem-solving techniques you applied. The purpose of this is to assess your personal contribution to meeting project goals.

Assessment Due Date

Week 12 Monday (8 Feb 2021) 11:59 pm AEST

Submit the assessment item on or before the due date and time. Late submission penalty is 5% per day of the allotted marks. Extension requests greater than 14 days will be denied except under exceptional circumstances. Any extension request submitted on the day of submission will be denied.

Return Date to Students

Exam Week Monday (15 Feb 2021)

Marked report is often returned to students within 2 weeks of submission.

Weighting

10%

Minimum mark or grade

50

Assessment Criteria

You must provide evidence of your achievement of each of the unit learning outcomes, required log hours and internship certificate from the host organisation. There is a marking criteria sheet for this portfolio available on the ENEP20001 Moodle site. The criteria sheet gives guidance regarding the type of evidence required for each level of achievement. It is important that you carefully review the criteria sheet before compiling your portfolio. There are minimum requirements for the Portfolio and you must provide evidence of achieving the minimum requirements in order to be eligible for a passing grade for this assessment. Any photo and other confidential information about the company must be accompanied by written permission from the hosting company.

Referencing Style

- [Harvard \(author-date\)](#)

Submission

Online

Submission Instructions

Portfolio must be completed using the provided portfolio template and submitted before the deadline.

Learning Outcomes Assessed

- Reflect on and map Engineers Australia's Stage 1 Competency Standards to work activities

Graduate Attributes

- Self-management
- Ethical and Professional Responsibility
- Leadership

4 PRESENTATION

Assessment Type

Presentation

Task Description

The professional engineering presentation will provide you with the scope to demonstrate the skills you developed in the particular engineering field through the internship program. It will also enable you to demonstrate your ability to communicate with team members and clients in a professional manner.

Assessment Due Date

Exam Week Monday (15 Feb 2021) 11:59 pm AEST

Submit the assessment item on or before the due date and time. Late submission penalty is 5% per day of the allotted marks. Extension requests greater than 14 days will be denied except under exceptional circumstances. Any extension request submitted on the day of submission will be denied.

Return Date to Students

Exam Week Friday (19 Feb 2021)

Weighting

15%

Minimum mark or grade

50

Assessment Criteria

- Appropriateness of presentation
- Explanation of the contents
- Preparation and consistency of presentation
- Set up and use of visual aids, including PowerPoint slides
- Duration of presentation
- Answer any questions appropriately

Referencing Style

- [Harvard \(author-date\)](#)

Submission

Online

Learning Outcomes Assessed

- Analyse the structure, products and services of an engineering organisation
- Develop a strategic approach to personal and professional growth in the workplace.

Graduate Attributes

- Knowledge
- Communication
- Research

Academic Integrity Statement

As a CQUniversity student you are expected to act honestly in all aspects of your academic work.

Any assessable work undertaken or submitted for review or assessment must be your own work. Assessable work is any type of work you do to meet the assessment requirements in the unit, including draft work submitted for review and feedback and final work to be assessed.

When you use the ideas, words or data of others in your assessment, you must thoroughly and clearly acknowledge the source of this information by using the correct referencing style for your unit. Using others' work without proper acknowledgement may be considered a form of intellectual dishonesty.

Participating honestly, respectfully, responsibly, and fairly in your university study ensures the CQUniversity qualification you earn will be valued as a true indication of your individual academic achievement and will continue to receive the respect and recognition it deserves.

As a student, you are responsible for reading and following CQUniversity's policies, including the [Student Academic Integrity Policy and Procedure](#). This policy sets out CQUniversity's expectations of you to act with integrity, examples of academic integrity breaches to avoid, the processes used to address alleged breaches of academic integrity, and potential penalties.

What is a breach of academic integrity?

A breach of academic integrity includes but is not limited to plagiarism, self-plagiarism, collusion, cheating, contract cheating, and academic misconduct. The Student Academic Integrity Policy and Procedure defines what these terms mean and gives examples.

Why is academic integrity important?

A breach of academic integrity may result in one or more penalties, including suspension or even expulsion from the University. It can also have negative implications for student visas and future enrolment at CQUniversity or elsewhere. Students who engage in contract cheating also risk being blackmailed by contract cheating services.

Where can I get assistance?

For academic advice and guidance, the [Academic Learning Centre \(ALC\)](#) can support you in becoming confident in completing assessments with integrity and of high standard.

What can you do to act with integrity?



Be Honest

If your assessment task is done by someone else, it would be dishonest of you to claim it as your own



Seek Help

If you are not sure about how to cite or reference in essays, reports etc, then seek help from your lecturer, the library or the Academic Learning Centre (ALC)



Produce Original Work

Originality comes from your ability to read widely, think critically, and apply your gained knowledge to address a question or problem