ENEP20002 *Continuing Professional Development for Engineering Masters Students*
Term 2 - 2024

Profile information current as at 13/05/2024 09:47 pm

All details in this unit profile for ENEP20002 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

Continuing professional development (CPD) is an essential activity for any practicing engineer. Engineers and other professionals engage in CPD for a variety of reasons including staying up-to-date with current developments in their discipline, professional networking, and facilitating career progression. In this unit, you will demonstrate your commitment to CPD by undertaking and recording professional practice exposure. You will reflect on what you have learned from professional practice activities and you will develop a strategic approach to personal and professional growth in the workplace.

Details

Career Level: *Postgraduate*
Unit Level: *Not Applicable*
Credit Points: *0*
Student Contribution Band: *2*
Fraction of Full-Time Student Load: *0*

Pre-requisites or Co-requisites

Students must have completed minimum 48uc in CV82 Master of Engineering before they enrol in this unit. 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 2 - 2024

- Melbourne
- Online
- 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 0-credit Postgraduate unit at CQUniversity requires an overall time commitment of an average of 0 hours of study per week, making a total of 0 hours for the unit.

Class Timetable
Regional Campuses
Bundaberg, Cairns, Emerald, Gladstone, Mackay, Rockhampton, Townsville

Metropolitan Campuses
Adelaide, Brisbane, Melbourne, Perth, Sydney

Assessment Overview

Assessment Grading
This is a pass/fail (non-graded) unit. To pass the unit, you must pass all of the individual assessment tasks shown in the table above.

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 T2 2023 SUTE Unit Comment Report - Learning Analytics Team, CQUniversity.

Feedback
Students requested more information about this unit and its relevance to the engineering degree.

Recommendation
This feedback should be implemented in the next offering. Relevant information should be provided in the workshop and Moodle.

Unit Learning Outcomes

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

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

The Learning Outcomes for this unit are linked with the Engineers Australia Stage 1 Competency Standards for Professional Engineers in the areas of 1. Knowledge and Skill Base, 2. Engineering Application Ability and 3. Professional and Personal Attributes at the following levels:

Intermediate

1.1 Comprehensive, theory-based understanding of the underpinning natural and physical sciences and the engineering fundamentals applicable to the engineering discipline. (LO: 3I)

1.2 Conceptual understanding of the mathematics, numerical analysis, statistics, and computer and information sciences which underpin the engineering discipline. (LO: 3I)

1.3 In-depth understanding of specialist bodies of knowledge within the engineering discipline. (LO: 2I 3I)

1.4 Discernment of knowledge development and research directions within the engineering discipline. (LO: 3I)

1.5 Knowledge of engineering design practice and contextual factors impacting the engineering discipline. (LO: 3I)

1.6 Understanding of the scope, principles, norms, accountabilities and bounds of sustainable engineering practice in the specific discipline. (LO: 3I)

2.1 Application of established engineering methods to complex engineering problem solving. (LO: 2I 3I 5I)

2.3 Application of systematic engineering synthesis and design processes. (LO: 3I)

2.4 Application of systematic approaches to the conduct and management of engineering projects. (LO: 3I)

3.1 Ethical conduct and professional accountability. (LO: 3I 4I 5I)

3.2 Effective oral and written communication in professional and lay domains. (LO: 3I 4I 5I)

3.3 Creative, innovative and pro-active demeanour. (LO: 3I)

3.4 Professional use and management of information. (LO: 1I 3I 4I)

3.5 Orderly management of self, and professional conduct. (LO: 3I 5I)

3.6 Effective team membership and team leadership. (LO: 1I 3I)

Note: LO refers to the Learning Outcome number(s) which link to the competency and the levels: N – Introductory, I – Intermediate and A - Advanced.

Refer to the Engineering Postgraduate Units Moodle site for further information on the Engineers Australia's Stage 1 Competency Standard for Professional Engineers and course level mapping information
https://moodle.cqu.edu.au/course/view.php?id=11382

Alignment of Learning Outcomes, Assessment and Graduate Attributes

	N/A Level	Introductory Level	Intermediate Level	Graduate Level	Professional Level	Advanced Level

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 - Presentation - 0%		○						
2 - Portfolio - 0%	○	○	○	○	○	○		

Textbooks and Resources

Information for Textbooks and Resources has not been released yet.
This information will be available on Monday 17 June 2024

Academic Integrity Statement

Information for Academic Integrity Statement has not been released yet.
This unit profile has not yet been finalised.