

In Progress

Please note that this Unit Profile is still in progress. The content below is subject to change.



OCHS13019 *Prevention Through Design*

Term 2 - 2026

Profile information current as at 08/06/2026 03:53 pm

All details in this unit profile for OCHS13019 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

You will develop competence and confidence in using prevention through design (PtD) strategies and tools. PtD, or 'safe design', is a process of hazard identification and risk assessment to eliminate or minimize risk of injury and anticipate failure modes throughout the life of the product or system. You will be given the knowledge needed to optimise human performance and enhance safety in a socio-technical environment. Topics include safe design principles, optimisation of the design process, life cycle analysis, hazard and operability studies, Fault Tree Analysis, Failure Modes and Effect Analysis and strategic design risk assessment using the Safety Case. There is an emphasis on human factors engineering, the principles of technology adoption and consideration of the notion of disruptive technologies.

Details

Career Level: *Undergraduate*

Unit Level: *Level 3*

Credit Points: 6

Student Contribution Band: 8

Fraction of Full-Time Student Load: 0.125

Pre-requisites or Co-requisites

Pre-Requisite:- 72 credit points including successful completion of AINV11002 and either OCHS13008 or OCHS12019
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 - 2026

- Online

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 6-credit Undergraduate unit at CQUniversity requires an overall time commitment of an average of 12.5 hours of study per week, making a total of 150 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. Portfolio

Weighting: 50%

2. Group Work

Weighting: 20%

3. Presentation and Written Assessment

Weighting: 30%

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](#).

Graduate Attributes

Learning Outcomes

	1	2	3	4	5	6	7
1 - Communication	•	•	•	•	•	•	
2 - Problem Solving		•		•	•	•	•
3 - Critical Thinking	•	•	•	•	•	•	•
4 - Information Literacy	•		•	•	•	•	•
5 - Team Work	•	•	•	•	•	•	
6 - Information Technology Competence				•	•	•	•
7 - Cross Cultural Competence	•	•		•	•	•	
8 - Ethical practice	•			•	•	•	•
9 - Social Innovation							
10 - First Nations Knowledges							
11 - 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	9	10	11
1 - Portfolio - 50%	•	•	•	•	•	•	•	•			
2 - Group Work - 20%	•	•	•	•	•	•	•	•			
3 - Presentation and Written Assessment - 30%	•	•	•	•		•		•			

Textbooks and Resources

Information for Textbooks and Resources has not been released yet.
This information will be available on Monday 22 June 2026

Academic Integrity Statement

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