

In Progress

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



SAFE20017 Human Factors in Complex Systems

Term 2 - 2026

Profile information current as at 05/12/2025 02:11 pm

All details in this unit profile for SAFE20017 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 advanced level unit introduces you to the practices and principles of Human Factors and examines the ways that humans function in complex socio-technical environments and organisational safety systems. This unit discusses the core principles of physical, cognitive, organisational and environmental ergonomics and provides the foundational knowledge required for the discipline of Human Factors. You will learn and apply knowledge in the area of anthropometric variation of the human body to end-user design enhancements as well as discussing concepts of job design in relation to psychological considerations including mental workloads, fatigue management, teamwork and job-fit concepts.

Details

Career Level: *Postgraduate*

Unit Level: *Level 8*

Credit Points: 6

Student Contribution Band: 8

Fraction of Full-Time Student Load: 0.125

Pre-requisites or Co-requisites

There are no requisites for 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 - 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

Information for Class and Assessment Overview has not been released yet.

This information will be available on Monday 18 May 2026

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 SUTE Feedback

Feedback

Students reported struggling with the content of this unit this term due to the short time frame to learn complex theories and practical tools.

Recommendation

It is recommended to review the content of this unit before the next offering. This will also need to take into consideration the new cohort of international students undertaking the unit as an elective.

Feedback from Unsolicited Student Feedback

Feedback

International students reported struggling with the very practical assessment tools in this unit.

Recommendation

It is recommended to review the need for the practical human factors tools used for two of the three assessment tasks in this unit.

Feedback from SUTE Feedback

Feedback

Students felt that the unit was well put together.

Recommendation

It is recommended to keep the format of the way the unit is delivered. However, this may change if the practical assessment tasks are changed as there may be less focus on teaching these tools.

Unit Learning Outcomes

Information for Unit Learning Outcomes has not been released yet.

This information will be available on Monday 18 May 2026

Alignment of Learning Outcomes, Assessment and Graduate Attributes

Information for Alignment of Learning Outcomes, Assessment and Graduate Attributes has not been released yet.

This information will be available on Monday 18 May 2026

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.