

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 - 2027

Profile information current as at 07/09/2026 09:32 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 - 2027

- 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 17 May 2027

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
- Academic Progression Policy and Procedure
- Student Refund and Credit Balance Policy and Procedure
- 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 Data

Feedback

Sessions were run during work hours and one student reported that they were unable to attend due to work commitments which made them feel a little isolated.

Recommendation

Most of the students work so it is difficult to cater for all students when timetabling is done. It is recommended to keep recording the lectures so that students who cannot attend in person can view the lectures in their out of work hours.

Feedback from SUTE Data

Feedback

It was reported that the prescribed readings for each week could be linked to make it easier to access them.

Recommendation

All prescribed readings are provided in the eReading List. However, some readings are part of the prescribed textbook and the relevant chapters are to be found via accessing the textbook. It is recommended to check with the library if the prescribed chapters can be isolated from the textbook for easier access across the weeks of term.

Feedback from SUTE Data

Feedback

Students reported they loved the unit and wanted a four-year Human Factors degree.

Recommendation

It is pleasing to see that students enjoyed the unit. It is recommended to keep the unit as students clearly love the Human Factors content and the domain as a whole.

Unit Learning Outcomes

Information for Unit Learning Outcomes has not been released yet.
This information will be available on Monday 17 May 2027

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 17 May 2027

Textbooks and Resources

Information for Textbooks and Resources has not been released yet.
This information will be available on Monday 21 June 2027

Academic Integrity Statement

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