

In Progress

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



ENEM12008 *Solid Materials Handling*

Term 1 - 2026

Profile information current as at 05/12/2025 01:26 pm

All details in this unit profile for ENEM12008 have been officially approved by CQUUniversity 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

In this unit, you will develop skills required to analyse the operation and maintenance of solid material handling equipment. The characteristics of solid materials and their impact on storage and conveying systems including requirements for the effective operation of conveyors will be explored. You will design hoppers, identify dust extraction systems, explain the applications of various feeders used in industry and apply the principles of mine product handling systems to a given mine situation. You will be required to work autonomously to produce clear, professional documentation of the approach taken in the description and analysis of solid materials handling equipment. In this unit, you must complete compulsory practical activities. Refer to the Engineering Undergraduate Course Moodle site for proposed dates.

Details

Career Level: *Undergraduate*

Unit Level: *Level 2*

Credit Points: 6

Student Contribution Band: 8

Fraction of Full-Time Student Load: 0.125

Pre-requisites or Co-requisites

PHYS11184 Engineering Physics A OR ENAG11005 Mechanics OR ENEG11006 Engineering Statics and MATH11218 Eng Foundation Mathematics OR MATH11160 Technology Mathematics

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 1 - 2026

- Bundaberg
- Cairns
- Gladstone
- Mackay
- Mixed Mode
- 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

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

This information will be available on Monday 12 January 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

Lectures and tutorials were clear, and the site visits strengthened applied understanding and industry relevance.

Recommendation

Retain the site visit and maintain the good practice in unit delivery.

Feedback from SUTE

Feedback

The scope of assignment two was perceived as excessive.

Recommendation

Assessment 2 was designed to make them AI-proof, which some students find overwhelming. The tasks will be reviewed to help manage the workload.

Feedback from SUTE

Feedback

Some laboratory sessions were time-constrained.

Recommendation

Add an overflow timeslot to provide contingency for students.

Feedback from SUTE

Feedback

Students noted the importance of timely feedback to support their learning and improvement.

Recommendation

The timing of assessments should be adjusted to enable students to effectively apply feedback from earlier assessments to subsequent tasks.

Unit Learning Outcomes

Information for Unit Learning Outcomes has not been released yet.

This information will be available on Monday 12 January 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 12 January 2026

Textbooks and Resources

Information for Textbooks and Resources has not been released yet.

This information will be available on Monday 16 February 2026

Academic Integrity Statement

Information for Academic Integrity Statement has not been released yet.

This unit profile has not yet been finalised.