

In Progress

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



PHYS40110 *Introductory Physics*

Term 1 - 2027

Profile information current as at 04/09/2026 05:54 pm

All details in this unit profile for PHYS40110 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 unit will prepare you for university study in engineering or the physical sciences (which may include allied health). You will gain an introductory understanding of the basic concepts in physics and learn to apply the principles of physics to solve problems of a physical nature in everyday life. Topics covered in this unit include measurement, motion, forces and mechanics, atomic and nuclear physics, properties of matter, heat and thermodynamics, electricity, magnetism and electromagnetism, waves, and optics. This unit assumes an intermediate level of mathematical knowledge.

Details

Career Level: *Non-award*

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 1 - 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 11 January 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 Student Unit Evaluation

Feedback

Assumed knowledge was not explicit

Recommendation

Compile a written document of expectations of prior knowledge, including specific modules from MATH40237 and MATH40228 to supplement existing verbal advice.

Feedback from Student Unit Evaluation

Feedback

Students would like more exercises than what was in the tutorial.

Recommendation

Scaffold the incorporation of textbook questions into the assessment workbooks already including the tutorial questions.

Feedback from Staff feedback

Feedback

Students would benefit from guidance on how to learn the unit content.

Recommendation

Provide guidance on how to engage, ask questions, and work through problem solving strategies, potentially incorporating AI-assisted learning.

Unit Learning Outcomes

Information for Unit Learning Outcomes has not been released yet.
This information will be available on Monday 11 January 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 11 January 2027

Textbooks and Resources

Information for Textbooks and Resources has not been released yet.
This information will be available on Monday 15 February 2027

Academic Integrity Statement

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