

COURSE DETAIL

MECHANICAL SYSTEMS DESIGN

Country

Australia

Host Institution

University of Melbourne

Program(s)

University of Melbourne

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Mechanical Engineering

UCEAP Course Number

132

UCEAP Course Suffix**UCEAP Official Title**

MECHANICAL SYSTEMS DESIGN

UCEAP Transcript Title

MECH SYSTEMS DESIGN

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

This course examines the conceptual engineering design process, emphasizing the real-world application and hands-on experience using machine elements. It will cover how machines work, including the fundamentals of relevant mechanical and electronics elements to realize autonomous mechanical and mechatronics systems.

Language(s) of Instruction

English

Host Institution Course Number

MCEN30021

Host Institution Course Title

MECHANICAL SYSTEMS DESIGN

Host Institution Course Details

<https://handbook.unimelb.edu.au/subjects/mcen30021>

Host Institution Campus

Parkville

Host Institution Faculty

Engineering

Host Institution Degree

Host Institution Department

Course Last Reviewed

2025-2026

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