

COURSE DETAIL

INTRODUCTION TO MECHANICAL ENGINEERING

Country

Australia

Host Institution

University of Technology Sydney

Program(s)

University of Technology Sydney

UCEAP Course Level

Lower Division

UCEAP Subject Area(s)

Mechanical Engineering

UCEAP Course Number

10

UCEAP Course Suffix**UCEAP Official Title**

INTRODUCTION TO MECHANICAL ENGINEERING

UCEAP Transcript Title

INTRO: MECH ENG

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

This course examines the fundamentals of engineering visualization and design, from sketching and drawing to computer-aided design and solid modelling. It covers how to represent components graphically through sketching and computer methods, employing standard techniques like orthogonal projection. It explores basic engineering mechanics and introduces engineering management tools.

Language(s) of Instruction

English

Host Institution Course Number

48610

Host Institution Course Title

INTRODUCTION TO MECHANICAL ENGINEERING

Host Institution Course Details

<https://coursehandbook.uts.edu.au/subject/2026/48610?offering=City+campus-Autum...>

Host Institution Campus

City

Host Institution Faculty

Engineering and Information Technology

Host Institution Degree

Host Institution Department

Course Last Reviewed

2026-2027

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