

COURSE DETAIL

DESIGN AND MANUFACTURE 1

Country

New Zealand

Host Institution

University of Auckland

Program(s)

University of Auckland

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Mechanical Engineering

UCEAP Course Number

135

UCEAP Course Suffix

A

UCEAP Official Title

DESIGN AND MANUFACTURE 1

UCEAP Transcript Title

DESIGN & MANUFACT

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

The engineering design process as a teamwork and problem-solving activity involving analysis, synthesis, evaluation and critical thinking. Design methodology and communicating design intent through written and graphical means. Introduction to selected motive power sources, machine elements for mechanical power systems, and production and fabrication processes.

Language(s) of Instruction

English

Host Institution Course Number

MECHENG 235

Host Institution Course Title

DESIGN AND MANUFACTURE 1

Host Institution Campus**Host Institution Faculty****Host Institution Degree****Host Institution Department**

Mechanical Engineering

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