

COURSE DETAIL

MACHINE DESIGN

Country

Japan

Host Institution

Tohoku University

Program(s)

Engineering and Science

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Mechanical Engineering

UCEAP Course Number

124

UCEAP Course Suffix

AV

UCEAP Official Title

MACHINE DESIGN

UCEAP Transcript Title

MACHINE DESIGN

UCEAP Quarter Units

3.00

UCEAP Semester Units

2.00

Course Description

This course covers the concepts and analytical methods of basic mechanisms to achieve desired mechanical motions. By the end of the course, the class is expected to understand the basic concept of planning and designing mechanical systems.

Preferred course prerequisite: Mechanics, Mathematics I, and Mathematics II.

Language(s) of Instruction

English

Host Institution Course Number

N/A

Host Institution Course Title

MACHINE DESIGN I

Host Institution Course Details

<https://uceap.sharepoint.com/:b:/s/DocumentLibrary/IQALtfmZND21TrkTcQu1STXATOO...>

Host Institution Campus

Tohoku University

Host Institution Faculty

Host Institution Degree

Host Institution Department

Engineering

Course Last Reviewed

2025-2026

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