

COURSE DETAIL

MATERIALS SCIENCE AND ENGINEERING

Country

Japan

Host Institution

Tohoku University

Program(s)

Engineering and Science

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Mechanical Engineering Materials Science

UCEAP Course Number

120

UCEAP Course Suffix

AW

UCEAP Official Title

MATERIALS SCIENCE AND ENGINEERING

UCEAP Transcript Title

MATERIALS SCI&ENGR

UCEAP Quarter Units

3.00

UCEAP Semester Units

2.00

Course Description

This course introduces basic properties of materials; how properties are related to microstructures; how microstructures are controlled by processing, and how materials are formed and joined. This course deals mostly with metals; however, properties of other engineering materials are discussed.

Language(s) of Instruction

English

Host Institution Course Number

N/A

Host Institution Course Title

MATERIALS SCIENCE AND ENGINEERING A (MATERIALS SCIENCE I)

Host Institution Course Details

https://uceap.sharepoint.com/:b:/s/DocumentLibrary/IQAItT_Ekf9-TLQsID4zoffAcAl...

Host Institution Campus

Tohoku University

Host Institution Faculty

Host Institution Degree

Host Institution Department

JYPE

Course Last Reviewed

2025-2026

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