

COURSE DETAIL

ENGINEERING MATERIALS

Country

China

Host Institution

Tsinghua University

Program(s)

Tsinghua University

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Mechanical Engineering

UCEAP Course Number

163

UCEAP Course Suffix**UCEAP Official Title**

ENGINEERING MATERIALS

UCEAP Transcript Title

ENGINEERING MATERIA

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

This course combines the fundamentals of engineering materials with their applications. By means of lectures, discussion, and lab exercises, the students are enabled to understand the relationships among the four elements of materials science and engineering, i.e., composition and processing, microstructure, property, and performance.

Language(s) of Instruction

English

Host Institution Course Number

20120293

Host Institution Course Title

ENGINEERING MATERIALS

Host Institution Course Details

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Course Last Reviewed

2024-2025

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