

COURSE DETAIL

MATERIALS SCIENCE 1

Country

Taiwan

Host Institution

National Taiwan University

Program(s)

National Taiwan University

UCEAP Course Level

Lower Division

UCEAP Subject Area(s)

Materials Science Engineering

UCEAP Course Number

53

UCEAP Course Suffix**UCEAP Official Title**

MATERIALS SCIENCE 1

UCEAP Transcript Title

MATERIALS SCIENCE 1

UCEAP Quarter Units

4.50

UCEAP Semester Units

3.00

Course Description

This course covers the basic theories of material science. Topics include atomic structure and interatomic bonding, structures of metals and ceramics, imperfections in solids, mechanical properties, deformation and strengthening mechanisms, failure, structures and properties of metals and alloys, applications and processing of metal and alloys, structures and properties of ceramics, and applications and processing of ceramics.

Language(s) of Instruction

Chinese

Host Institution Course Number

TB10810053

Host Institution Course Title

MATERIALS SCIENCE 1

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

MATERIAL SCIENCE

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