

# COURSE DETAIL

## THERMODYNAMICS

**Country**

Korea, South

**Host Institution**

Seoul National University

**Program(s)**

Seoul National University

**UCEAP Course Level**

Upper Division

**UCEAP Subject Area(s)**

Materials Science

**UCEAP Course Number**

103

**UCEAP Course Suffix****UCEAP Official Title**

THERMODYNAMICS

**UCEAP Transcript Title**

THERMODYNAMICS

**UCEAP Quarter Units**

4.50

**UCEAP Semester Units**

3.00

## Course Description

This course introduces thermodynamics in materials. It covers phase equilibrium, calculation of heat capacitance, and the relation between free energy and phase diagram.

### Language(s) of Instruction

English

### Host Institution Course Number

445.301

### Host Institution Course Title

THERMODYNAMICS OF MATERIALS

### Host Institution Campus

### Host Institution Faculty

### Host Institution Degree

### Host Institution Department

Materials Science and Engineering

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