

COURSE DETAIL

COMPUTATIONAL PROBLEM SOLVING

Country

Japan

Host Institution

Tohoku University

Program(s)

Engineering and Science

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Mathematics Computer Science

UCEAP Course Number

103

UCEAP Course Suffix

V

UCEAP Official Title

COMPUTATIONAL PROBLEM SOLVING

UCEAP Transcript Title

COMP PROBLEM SOLV

UCEAP Quarter Units

3.00

UCEAP Semester Units

2.00

Course Description

This course focuses on utilizing a computer to master mathematical skills. Starting with the basic usage of Octave (or MATLAB), the class instructs on how one can solve various mathematical problems by writing and executing simple programs.

Language(s) of Instruction

English

Host Institution Course Number

N/A

Host Institution Course Title

EXERCISES IN COMPUTER-AIDED PROBLEM SOLVING

Host Institution Course Details

https://uceap.sharepoint.com/:w:/s/DocumentLibrary/IQCKU_-sF6tiSKneL6hX6zZqAZSU...

Host Institution Campus

Tohoku University

Host Institution Faculty

Host Institution Degree

Host Institution Department

Engineering

Course Last Reviewed

2025-2026

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