

COURSE DETAIL

SYSTEM PROGRAMMING

Country

Korea, South

Host Institution

Seoul National University

Program(s)

Seoul National University

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Computer Science

UCEAP Course Number

106

UCEAP Course Suffix**UCEAP Official Title**

SYSTEM PROGRAMMING

UCEAP Transcript Title

SYSTEM PROGRAMMING

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

This course gives a practical introduction to system software, the interface between user applications and the operating system. The course covers system programming and operating system concepts, particularly process management, memory management, file systems and I/O, network programming, concurrent programming, and synchronization. The contents of the lecture are applied in labs and homework assignments.

Prerequisite: Computer Architecture; Familiarity with C programming required or to be acquired through this course.

Language(s) of Instruction

English

Host Institution Course Number

M1522.000800

Host Institution Course Title

SYSTEM PROGRAMMING

Host Institution Course Details

<https://sugang.snu.ac.kr/>

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Computer Science and Engineering

Course Last Reviewed

2023-2024

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