

# 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 Campus

## Host Institution Faculty

## Host Institution Degree

## Host Institution Department

Computer Science and Engineering

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