COURSE DETAIL

COMPUTER SYSTEMS

Country
United Kingdom - England

Host Institution
King's College London

Program(s)
King's College London

UCEAP Course Level
Lower Division

UCEAP Subject Area(s)
Computer Science

UCEAP Course Number
72

UCEAP Course Suffix

UCEAP Official Title
COMPUTER SYSTEMS

UCEAP Transcript Title
COMPUTER SYSTEMS

UCEAP Quarter Units
6.00

UCEAP Semester Units
4.00

Course Description

This course provides an introduction to single machine organization, architecture and operation. Upon successful completion of the class, students learn how to demonstrably understand how instructions get executed in a sequential processor; be able to perform arithmetic operations in binary and conversions between number systems; be able to compose and analyze small assembly-language programs; explain and illustrate memory concepts and performance improvement measures.

Language(s) of Instruction
English

Host Institution Course Number
4CCS1CS1

Host Institution Course Title
COMPUTER SYSTEMS

Host Institution Campus
King's College London

Host Institution Faculty

Host Institution Degree

Host Institution Department
Department of Informatics

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