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 Course Details
https://www.kcl.ac.uk/abroad/module-options/computer-systems-15-credits

Host Institution Campus
King's College London

Host Institution Faculty

Host Institution Degree

Host Institution Department
Department of Informatics

Course Last Reviewed
2021-2022

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