COURSE DETAIL

ADVANCED COMPUTER ARCHITECTURE
Country United Kingdom - England
Host Institution Imperial College London
Program(s) Imperial College London
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Computer Science
UCEAP Course Number 171
UCEAP Course Suffix
UCEAP Official Title ADVANCED COMPUTER ARCHITECTURE
UCEAP Transcript Title ADV COMP ARCHITECTR
UCEAP Quarter Units 5.00
UCEAP Semester Units 3.30

Course Description

The course teaches students a thorough understanding of high-performance and energy-efficient computer architecture. Students learn principles and techniques for evaluating architectural proposals, explore how knowledge of computer architecture informs software performance engineering, and gain a deep understanding of topical trends in advanced computer architecture, compiler design, operating systems, and parallel processing

Language(s) of Instruction
English

Host Institution Course Number
COMP60001

Host Institution Course Title
ADVANCED COMPUTER ARCHITECTURE

Host Institution Course Details
https://www.imperial.ac.uk/computing/current-students/courses/60001/

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department
Computing

Course Last Reviewed
2023-2024

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