

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

60001

Host Institution Course Title

ADVANCED COMPUTER ARCHITECTURE

Host Institution Campus

Kensington

Host Institution Faculty

Host Institution Degree

Host Institution Department

Computing

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