

COURSE DETAIL

SYSTEM ARCHITECTURE

Country

United Kingdom - England

Host Institution

University of Manchester

Program(s)

University of Manchester

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Computer Science

UCEAP Course Number

152

UCEAP Course Suffix**UCEAP Official Title**

SYSTEM ARCHITECTURE

UCEAP Transcript Title

SYSTEM ARCHITECTURE

UCEAP Quarter Units

4.00

UCEAP Semester Units

2.70

Course Description

The principles covered include caching in order to overcome latency; pipelining to increase processor utilization; Multi-Threading and Multi-Core principles, along with potential structures, and challenges such as memory coherency and consistency.

Language(s) of Instruction

English

Host Institution Course Number

COMP25212

Host Institution Course Title

SYSTEM ARCHITECTURE

Host Institution Course Details

https://my.manchester.ac.uk/uPortal/p/course-unit-info.ctf1/max/render.uP?pP_ac...

Host Institution Campus

University of Manchester

Host Institution Faculty

Host Institution Degree

Host Institution Department

Computer Science

Course Last Reviewed

2022-2023

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