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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