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 Campus
University of Manchester

Host Institution Faculty

Host Institution Degree

Host Institution Department
Computer Science

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