COURSE DETAIL

ALGORITHM DESIGN AND ANALYSIS

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
110

UCEAP Course Suffix
N

UCEAP Official Title
ALGORITHM DESIGN AND ANALYSIS

UCEAP Transcript Title
ALGTHM DESIGN&ANALY

UCEAP Quarter Units
5.00

UCEAP Semester Units

3.30

Course Description

This course explores the main algorithmic design paradigms and teaches students to apply algorithmic techniques to practical and unseen problems. Students quantitatively analyze the performance of algorithms. They also model the mathematical structure of computational tasks and apply the right algorithmic tools on them, and develop their algorithmic thinking and problem solving skills.

Language(s) of Instruction
English

Host Institution Course Number
COMP50001

Host Institution Course Title
ALGORITHM DESIGN AND ANALYSIS

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department
Computing

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