COURSE DETAIL

THEORETICAL COMPUTER SCIENCE

Country
United Kingdom - Scotland

Host Institution
University of Edinburgh

Program(s)
Scottish Universities,University of Edinburgh

UCEAP Course Level
Upper Division

UCEAP Subject Area(s)
Computer Science

UCEAP Course Number
110

UCEAP Course Suffix

UCEAP Official Title
THEORETICAL COMPUTER SCIENCE

UCEAP Transcript Title
THEORETICL COMP SCI

UCEAP Quarter Units
4.00

UCEAP Semester Units
2.70

Course Description
This course introduces the fundamental concepts of the theory of computer science. What does "computing" mean? Are all "computers" basically the same? Can we tell whether our programs are "correct" - and what does "correct" mean? Can we solve problems in reasonable time, and can we tell whether we can? The course concentrates primarily on conceptual understanding, but adds enough detail to allow students to go on to further courses, and it illustrates how the fundamental concepts are reflected throughout the discipline.

Language(s) of Instruction
English

Host Institution Course Number
INFR10059

Host Institution Course Title
THEORETICAL COMPUTER SCIENCE

Host Institution Course Details

Host Institution Campus
Edinburgh

Host Institution Faculty

Host Institution Degree

Host Institution Department
Informatics

Course Last Reviewed

Print