

# COURSE DETAIL

## FOUNDATIONS OF COMPUTING 1

**Country**

United Kingdom - England

**Host Institution**

King's College London

**Program(s)**

King's College London

**UCEAP Course Level**

Lower Division

**UCEAP Subject Area(s)**

Computer Science

**UCEAP Course Number**

16

**UCEAP Course Suffix****UCEAP Official Title**

FOUNDATIONS OF COMPUTING 1

**UCEAP Transcript Title**

FOUND/COMPUTING 1

**UCEAP Quarter Units**

6.00

**UCEAP Semester Units**

4.00

## Course Description

The course introduces the basic concepts of discrete mathematics needed for the study of computer science. Student learn to work with sets, relations, functions, recursive structures, graphs, trees, basic combinatorial principles, discrete probability, finite automata, and regular languages.

### Language(s) of Instruction

English

### Host Institution Course Number

4CCS1FC1

### Host Institution Course Title

FOUNDATIONS OF COMPUTING 1

### Host Institution Course Details

<https://www.kcl.ac.uk/abroad/module-options/foundations-of-computing-1>

### Host Institution Campus

### Host Institution Faculty

### Host Institution Degree

### Host Institution Department

Informatics

### Course Last Reviewed

2024-2025

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