# **COURSE DETAIL**

## **COMPUTER SYSTEMS**

### **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**

72

#### **UCEAP Course Suffix**

#### **UCEAP Official Title**

**COMPUTER SYSTEMS** 

### **UCEAP Transcript Title**

**COMPUTER SYSTEMS** 

## **UCEAP Quarter Units**

6.00

#### **UCEAP Semester Units**

4.00

### **Course Description**

This course provides an introduction to single machine organization, architecture and operation. Upon successful completion of the class, students learn how to demonstrably understand how instructions get executed in a sequential processor; be able to perform arithmetic operations in binary and conversions between number systems; be able to compose and analyze small assembly-language programs; explain and illustrate memory concepts and performance improvement measures.

### Language(s) of Instruction

English

#### **Host Institution Course Number**

4CCS1CS1

#### **Host Institution Course Title**

**COMPUTER SYSTEMS** 

#### **Host Institution Campus**

King's College London

# **Host Institution Faculty**

**Host Institution Degree** 

# **Host Institution Department**

Department of Informatics

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