

COURSE DETAIL

EMBEDDED SYSTEMS

Country

United Kingdom - England

Host Institution

University of London, Queen Mary

Program(s)

University of London, Queen Mary

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Computer Science

UCEAP Course Number

112

UCEAP Course Suffix**UCEAP Official Title**

EMBEDDED SYSTEMS

UCEAP Transcript Title

EMBEDDED SYSTEMS

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

This course provides an introduction to embedded and real-time systems. Students gain practical experience using a small micro-controller development board, programmed in C, and industrial development tools. The course examines the interface between the digital micro-controller and physical sensors and actuators, and the process of analyzing, designing, and testing systems that react to external events.

Language(s) of Instruction

English

Host Institution Course Number

ECS642U

Host Institution Course Title

EMBEDDED SYSTEMS

Host Institution Course Details

<http://www.eecs.qmul.ac.uk/undergraduate/programmes/module-information/items/ec...>

Host Institution Campus

Queen Mary University of London

Host Institution Faculty**Host Institution Degree****Host Institution Department**

School of Electronic Engineering and Computer Science

Course Last Reviewed

2019-2020

[Print](#)