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 Campus

Queen Mary University of London

Host Institution Faculty

Host Institution Degree

Host Institution Department

School of Electronic Engineering and Computer Science

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