COURSE DETAIL

ENGINEERING SOFTWARE 3
Country United Kingdom - Scotland
Host Institution University of Edinburgh
Program(s) University of Edinburgh
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Electrical Engineering
UCEAP Course Number 116
UCEAP Course Suffix
UCEAP Official Title ENGINEERING SOFTWARE 3
UCEAP Transcript Title ENGR SOFTWARE 3
UCEAP Quarter Units 4.00
UCEAP Semester Units 2.70

Course Description

The course is a study of imperative stored program control architecture and application in an embedded environment. An initial series of exercises teaching principles and techniques is followed by two application project phases. The students use C programming language as an example only to program an embedded processor built on a high performance Field Programmable Gate Array (FPGA) platform. There is no need for prior knowledge of the C language as students are provided with pre-built modules and guidelines for integration.

Language(s) of Instruction
English

Host Institution Course Number
ELEE09016

Host Institution Course Title
ENGINEERING SOFTWARE 3

Host Institution Course Details
http://www.drps.ed.ac.uk/24-25/dpt/cxelee09016.htm

Host Institution Campus
Edinburgh

Host Institution Faculty
School of Engineering

Host Institution Degree

Host Institution Department

Course Last Reviewed
2024-2025

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