

COURSE DETAIL

DESIGN OF EMBEDDED SYSTEMS

Country

Sweden

Host Institution

Lund University

Program(s)

Lund University

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Engineering Computer Science

UCEAP Course Number

158

UCEAP Course Suffix**UCEAP Official Title**

DESIGN OF EMBEDDED SYSTEMS

UCEAP Transcript Title

DESGN EMBEDDED SYSTM

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

This course gives a general introduction to embedded system design which can be implemented using System-on-Chip technology. This kind of embedded systems contains both hardware and software components and therefore a hardware/software co-design is emphasized. The course gives a basic knowledge on specification methods, design representations (computational models) as well as related design methods. Special emphasis is placed on interface synthesis and low-power design methods.

Language(s) of Instruction

English

Host Institution Course Number

EDAN15

Host Institution Course Title

DESIGN OF EMBEDDED SYSTEMS

Host Institution Campus

Host Institution Faculty

Engineering

Host Institution Degree

Host Institution Department

Computer Science

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