

COURSE DETAIL

DIGITAL IC-DESIGN

Country

Sweden

Host Institution

Lund University

Program(s)

Lund University

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Electrical Engineering Computer Science

UCEAP Course Number

159

UCEAP Course Suffix**UCEAP Official Title**

DIGITAL IC-DESIGN

UCEAP Transcript Title

DIGITAL IC-DESIGN

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

The course gives a thorough understanding of digital integrated circuit design. Increasing complexity and high requirements on performance in the form of throughput and low power consumption increase the expectations from the hardware designer. Understanding both the possibilities and the limitations is important for both full custom designers and high-level designers. The course focuses on CMOS design.

Language(s) of Instruction

English

Host Institution Course Number

ETIN20

Host Institution Course Title

DIGITAL IC-DESIGN

Host Institution Campus

Lund

Host Institution Faculty

Engineering

Host Institution Degree

Host Institution Department

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