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 Course Details
https://kurser.lth.se/lot/course/ETIN20

Host Institution Campus
Lund

Host Institution Faculty
Engineering

Host Institution Degree

Host Institution Department

Course Last Reviewed
2023-2024

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