COURSE DETAIL

EFFICIENT C

Country
Sweden

Host Institution
Lund University

Program(s)
Lund University

UCEAP Course Level
Upper Division

UCEAP Subject Area(s)
Computer Science

UCEAP Course Number
117

UCEAP Course Suffix

UCEAP Official Title
EFFICIENT C

UCEAP Transcript Title
EFFICIENT C

UCEAP Quarter Units
6.00

UCEAP Semester Units
4.00

Course Description

The purpose of the course is that the students should learn how to write efficient programs in the C language. In order to achieve this main purpose, three other purposes of the course are that the students should learn about (1) the ISO C18 language, (2) modern computer architecture, from the perspective of the programmer, with focus on microprocessors and cache memories, and (3) modern tools to evaluate C programs in terms of correctness and efficiency.

Language(s) of Instruction
English

Host Institution Course Number
EDAG01

Host Institution Course Title
EFFICIENT C

Host Institution Course Details
https://kurser.lth.se/lot/course/EDAG01

Host Institution Campus
Lund

Host Institution Faculty
Engineering

Host Institution Degree

Host Institution Department

Course Last Reviewed
2024-2025

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