

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 Campus

Lund

Host Institution Faculty

Engineering

Host Institution Degree

Host Institution Department

[Print](#)