# COURSE DETAIL

| EFFICIENT C |
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| **Country**<br>Sweden |
| **Host Institution**<br>Lund University |
| **Program(s)**<br>Lund University |
| **UCEAP Course Level**<br>Upper Division |
| **UCEAP Subject Area(s)**<br>Computer Science |
| **UCEAP Course Number**<br>117 |
| **UCEAP Course Suffix** |
| **UCEAP Official Title**<br>EFFICIENT C |
| **UCEAP Transcript Title**<br>EFFICIENT C |
| **UCEAP Quarter Units**<br>6.00 |
| **UCEAP Semester Units**<br>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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