

# COURSE DETAIL

## EFFICIENT ALGORITHMS LAB

**Country**

Germany

**Host Institution**

Technical University Berlin

**Program(s)**

Technical University Berlin

**UCEAP Course Level**

Upper Division

**UCEAP Subject Area(s)**

Computer Science

**UCEAP Course Number**

128

**UCEAP Course Suffix****UCEAP Official Title**

EFFICIENT ALGORITHMS LAB

**UCEAP Transcript Title**

ALGORITHMS LAB

**UCEAP Quarter Units**

5.50

**UCEAP Semester Units**

3.70

## Course Description

In this course programming competitions take place at regular intervals, in which students compete to solve programming tasks in the most efficient way with run-time constraints in small groups (size 2-3). There is a computer available for each team. Different solutions using different algorithms or data structures are demonstrated after the competitions during the lectures. Parallel to the competitions there are regular further programming tasks that have to be solved in small groups over a period of a few weeks.

## Language(s) of Instruction

English

## Host Institution Course Number

0434 L 245

## Host Institution Course Title

EFFICIENT ALGORITHMS LAB

## Host Institution Campus

FAKULTÄT IV ELEKTROTECHNIK UND INFORMATIK

## Host Institution Faculty

## Host Institution Degree

## Host Institution Department

Informatik

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