

## COURSE DETAIL

### RAPID PROTOTYPING IN THE PRODUCT DEVELOPMENT PROCESS

**Country**

Sweden

**Host Institution**

Lund University

**Program(s)**

Lund University

**UCEAP Course Level**

Upper Division

**UCEAP Subject Area(s)**

Mechanical Engineering Engineering Computer Science

**UCEAP Course Number**

138

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

RAPID PROTOTYPING IN THE PRODUCT DEVELOPMENT PROCESS

**UCEAP Transcript Title**

RAPID PROTOTYPING

**UCEAP Quarter Units**

6.00

**UCEAP Semester Units**

4.00

## Course Description

This course provides knowledge of methods for the manufacturing of prototypes from computer-based models. It increases students' understanding of the entire process of direct manufacturing from the creation of computer-based models to their physical realization. The instruction consists of lectures, demonstrations, exercises, and study visits. The theoretical portion of the course covers freeform production and its potential use, and the practical portion provides students with training in the skills involved in freeform production and consists of supervised exercises of gradually increasing complexity.

## Language(s) of Instruction

English

## Host Institution Course Number

MMKF40

## Host Institution Course Title

RAPID PROTOTYPING IN THE PRODUCT DEVELOPMENT PROCESS

## Host Institution Course Details

## Host Institution Campus

Engineering

## Host Institution Faculty

## Host Institution Degree

## Host Institution Department

Engineering- Product Development

## Course Last Reviewed

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