

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 Campus

Engineering

Host Institution Faculty

Host Institution Degree

Host Institution Department

Engineering- Product Development

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