COURSE DETAIL

MECHATRONICS: INDUSTRIAL PRODUCT DESIGN
Country Sweden
Host Institution Lund University
Program(s) Lund University
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Mechanical Engineering Electrical Engineering
UCEAP Course Number 111
UCEAP Course Suffix
UCEAP Official Title MECHATRONICS: INDUSTRIAL PRODUCT DESIGN
UCEAP Transcript Title MECHATRONIC DESIGN
UCEAP Quarter Units 8.00
UCEAP Semester Units 5.30

Course Description
The course gives students knowledge, skills, and experience in an industrially based mechatronic development project, which is conducted up to a working prototype. It is essential that the work is done in a team with competences from various fields. The development process starts with extensive information search, brain storming, and evaluation, activities which often encompass 30-40% of the total work load. This has been done in the course APPLIED MECHATRONICS. Then follows the selection of concept, constructive design of the product idea, ordering of components, building, testing, and adjustments. The course concludes with the official presentation of the designed products, where representatives from industry, course leaders, and the press take part.

Language(s) of Instruction
English

Host Institution Course Number
EIEN01

Host Institution Course Title
MECHATRONICS, INDUSTRIAL PRODUCT DESIGN

Host Institution Course Details

Host Institution Campus
Engineering

Host Institution Faculty

Host Institution Degree

Host Institution Department
Engineering- Industrial Electrical Engineering and Automation

Course Last Reviewed

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