COURSE DETAIL

DESIGN FOR X
Country Sweden
Host Institution Lund University
Program(s) Lund University
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Mechanical Engineering Engineering
UCEAP Course Number 105
UCEAP Course Suffix
UCEAP Official Title DESIGN FOR X
UCEAP Transcript Title DESIGN FOR X
UCEAP Quarter Units 6.00
UCEAP Semester Units 4.00

Course Description

This course introduces the concept "Design for X" (DfX), which is well established within product development. In any product development project, it is essential to ensure that the product satisfies the functions it is designed for. But many other issues are caused by, or affect the properties of the product: is the product reliable, sustainable, is it easy to assemble, and inexpensive to manufacture? In this course, the following "design for Xs" are included: design for manufacturing and assembly (DFMA), design for additive manufacturing (DFAM), robust design, design for environment (DFE), and design to cost (DtC).

Language(s) of Instruction
English

Host Institution Course Number
MMKN11

Host Institution Course Title
DESIGN FOR X

Host Institution Course Details
https://kurser.lth.se/kursplaner/senaste-en/MMKN11.html

Host Institution Campus
Lund

Host Institution Faculty
Engineering

Host Institution Degree

Host Institution Department

Course Last Reviewed
2023-2024

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