COURSE DETAIL

CAD IN AUTOMOBILE AND MECHANICAL ENGINEERING
Country Germany
Host Institution Technical University Berlin
Program(s) Technical University Berlin
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Mechanical Engineering
UCEAP Course Number 109
UCEAP Course Suffix
UCEAP Official Title CAD IN AUTOMOBILE AND MECHANICAL ENGINEERING
UCEAP Transcript Title AUTOMOTIVE CAD
UCEAP Quarter Units 5.50
UCEAP Semester Units 3.70

Course Description
The lecture part of this course covers the following: fundamentals of CAD, concepts of vehicles and machines, DMU process, additive manufacturing, CAD for computer simulation, CAD/CAM for prototype production, CAD/CAM for serial production. The exercises in this course cover: constructing with CATIA V5 using practical examples; Solid Design, Shape Design, Assembly Design and Kinematics. Independent learning of the software is required with extensive video tutorials.

Language(s) of Instruction
German

Host Institution Course Number
0533 L 661

Host Institution Course Title
CAD IM AUTOMOBIL UND MASCHINENBAU

Host Institution Course Details

Host Institution Campus
FAKULTÄT V VERKEHRS- UND MASCHINENSYSTEME

Host Institution Faculty

Host Institution Degree

Host Institution Department
Maschinenkonstruktion und Systemtechnik

Course Last Reviewed

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