COURSE DETAIL

LIGHTWEIGHT STRUCTURES I

Country
Germany

Host Institution
Technical University Berlin

Program(s)
Technical University Summer,Technical University Berlin

UCEAP Course Level
Upper Division

UCEAP Subject Area(s)
Mechanical Engineering Engineering

UCEAP Course Number
111

UCEAP Course Suffix

UCEAP Official Title
Lightweight Structures I

UCEAP Transcript Title
LGHTWEIGHT STRUCT I

UCEAP Quarter Units
5.50

UCEAP Semester Units
3.70

Course Description

This course teaches the concepts of the behavior, structure, problems, modeling, materials and the forms of failure of lightweight structures. Students analyze lightweight structures, understand designs, and predict behavior responses of certain structures. The course utilizes several examples relating to aircraft structures to teach the concepts.

Language(s) of Instruction
German

Host Institution Course Number
3534 L 216

Host Institution Course Title
Leichtbau I

Host Institution Course Details
https://moseskonto.tu-berlin.de/moses/modultransfersystem/bolognamodule/beschre...

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department
Institut für Luft- und Raumfahrt

Course Last Reviewed
2021-2022

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