COURSE DETAIL

AERODYNAMICS I
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 102
UCEAP Course Suffix
UCEAP Official Title AERODYNAMICS I
UCEAP Transcript Title AERODYNAMICS I
UCEAP Quarter Units 5.50
UCEAP Semester Units 3.70

Course Description

This course offers a study of the fundamentals of aircraft aerodynamics. Topics include lift and drag, and aerodynamics of the wing and the tail units. The course examines theoretical, numerical, and experimental methods in aerodynamics. The course consists of lectures, and exercises in which theoretical and experimental exercises are reviewed. Students participate in an excursion to the wind tunnel on Technical University's campus. Students are required to have completed a fluid mechanics course as a prerequisite.

Language(s) of Instruction
German

Host Institution Course Number
3534 L 110

Host Institution Course Title
AERODYNAMIK I

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

Host Institution Campus

Host Institution Faculty
FAKULTÄT V VERKEHRS- UND MASCHINENSYSTEME

Host Institution Degree

Host Institution Department
Institut für Luft- und Raumfahrt

Course Last Reviewed
2021-2022

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