

COURSE DETAIL

ACOUSTICAL ENGINEERING

Country

Germany

Host Institution

Technical University Berlin

Program(s)

Technical University Summer

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Mechanical Engineering Engineering

UCEAP Course Number

106

UCEAP Course Suffix**UCEAP Official Title**

ACOUSTICAL ENGINEERING

UCEAP Transcript Title

ACOUSTICAL ENGINEER

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

This course covers the fundamentals of engineering acoustics and their application for solving noise control problems and enhancing sound fields in spaces. Students have the opportunity to work in a well-equipped acoustics laboratory and to be actively involved in a number of different acoustical measurements. An excursion with a successful example of acoustic treatment demonstrates the practical application of what is taught in the course. Additionally, during a mini project the students are encouraged to test the obtained skills on practical acoustical problems. The course is aimed at participants from all engineering majors who want to learn about acoustics and its engineering applications.

Language(s) of Instruction

English

Host Institution Course Number

Host Institution Course Title

ACOUSTICAL ENGINEERING

Host Institution Campus

TUBS

Host Institution Faculty

Host Institution Degree

Host Institution Department

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