

# 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 Course Details**

### **Host Institution Campus**

TUBS

### **Host Institution Faculty**

### **Host Institution Degree**

### **Host Institution Department**

### **Course Last Reviewed**

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