

## COURSE DETAIL

### INTRODUCTION TO CLASSICAL PHYSICS FOR ENGINEERS

**Country**

Germany

**Host Institution**

Technical University Berlin

**Program(s)**

Technical University Berlin

**UCEAP Course Level**

Lower Division

**UCEAP Subject Area(s)**

Physics

**UCEAP Course Number**

70

**UCEAP Course Suffix****UCEAP Official Title**

INTRODUCTION TO CLASSICAL PHYSICS FOR ENGINEERS

**UCEAP Transcript Title**

CLASSICAL PHYSICS

**UCEAP Quarter Units**

5.50

**UCEAP Semester Units**

3.70

## Course Description

This course covers the topics of mechanics, theory of relativity, thermodynamics, optics, waves, and electricity. Through the course students learn to identify physical correlations, implement findings in physical equations, estimate by orders of magnitude, create physical modelling, and how to handle multimedia elements. This course includes a lecture, small group discussions, and experiments.

## Language(s) of Instruction

German

## Host Institution Course Number

3231 L 082

## Host Institution Course Title

EINFÜHRUNG IN DIE KLASSISCHE PHYSIK FÜR INGENIEURE

## Host Institution Course Details

## Host Institution Campus

FAKULTÄT II MATHEMATIK UND NATURWISSENSCHAFTEN

## Host Institution Faculty

## Host Institution Degree

## Host Institution Department

Physik

## Course Last Reviewed

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