

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

INTRODUCTION TO CLASSICAL PHYSICS FOR ENGINEERS

Host Institution Campus

FAKULTÄT II MATHEMATIK UND NATURWISSENSCHAFTEN

Host Institution Faculty**Host Institution Degree****Host Institution Department**

Physik

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