COURSE DETAIL

STATICS AND STRENGTH OF MATERIALS
Country Germany
Host Institution Technical University Berlin
Program(s) Technical University Berlin
UCEAP Course Level Lower Division
UCEAP Subject Area(s) Mechanical Engineering
UCEAP Course Number 10
UCEAP Course Suffix
UCEAP Official Title STATICS AND STRENGTH OF MATERIALS
UCEAP Transcript Title STATICS&STRNGTH MAT
UCEAP Quarter Units 8.50
UCEAP Semester Units 5.70

Course Description
This class on statics and strength of materials introduces students to the following topics: force/moment, static equilibrium conditions, general force systems, center of gravity, bearings, trusses, foundation of strength theory, stress, distortion, Hooke's Law, beam bending, torsion, shear, and composite stress.

Language(s) of Instruction
German

Host Institution Course Number
0530 L 011/0530 L 01

Host Institution Course Title
STATIK UND ELEMENTARE FESTIGKEITSLEHRE

Host Institution Course Details

Host Institution Campus
FAKULTÄT V VERKEHRS- UND MASCHIENENSYSTEME

Host Institution Faculty

Host Institution Degree

Host Institution Department
Mechanik

Course Last Reviewed

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