COURSE DETAIL

DIFFERENTIAL EQUATIONS FOR ENGINEERS
Country Germany
Host Institution Technical University Berlin
Program(s) Technical University Berlin
UCEAP Course Level Lower Division
UCEAP Subject Area(s) Mathematics
UCEAP Course Number 50
UCEAP Course Suffix
UCEAP Official Title DIFFERENTIAL EQUATIONS FOR ENGINEERS
UCEAP Transcript Title DIFFERENTIAL EQUATN
UCEAP Quarter Units 5.50
UCEAP Semester Units 3.70

Course Description

This course covers mathematics relating to differential equations. Topics include ordinary differential equations, systems of differential equations, Laplace transformations and applications, partial differential equations separable solutions, plane waves solutions, Bessel's Equation, Legendre's equation, dynamic systems and boundary eigenvalue problems. Techniques for solving differential equations are used in the context of application to fields of engineering.

Language(s) of Instruction
German

Host Institution Course Number
3236 L 022

Host Institution Course Title
DIFFERENTIALGLEICHUNGEN FÜR INGENIEURE

Host Institution Course Details

Host Institution Campus

Host Institution Faculty
FAKULTÄT II MATHEMATIK UND NATURWISSENSCHAFTEN

Host Institution Degree

Host Institution Department
Mathematik

Course Last Reviewed

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