COURSE DETAIL

MATHEMATICAL METHODS IN PHYSICS
Country Norway
Host Institution University of Oslo
Program(s) University of Oslo
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Physics Mathematics
UCEAP Course Number 117
UCEAP Course Suffix
UCEAP Official Title MATHEMATICAL METHODS IN PHYSICS
UCEAP Transcript Title MATH METHOD PHYSICS
UCEAP Quarter Units 8.00
UCEAP Semester Units 5.30

Course Description
This course addresses a number of important mathematical methods often used in physics. The course discusses topics including basic complex analysis, differential equations, Fourier series, and transforms, tensor calculus, variational calculus, orthogonal functions, and Laplace transformations.

Language(s) of Instruction
English

Host Institution Course Number
FYS3140

Host Institution Course Title
MATHEMATICAL METHODS IN PHYSICS

Host Institution Course Details

Host Institution Campus
Mathematics and Natural Sciences

Host Institution Faculty

Host Institution Degree

Host Institution Department
Physics

Course Last Reviewed

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