COURSE DETAIL

ELEMENTARY DIFFERENTIAL EQUATIONS II
Country Canada
Host Institution University of British Columbia
Program(s) University of British Columbia
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Mathematics
UCEAP Course Number 114
UCEAP Course Suffix
UCEAP Official Title ELEMENTARY DIFFERENTIAL EQUATIONS II
UCEAP Transcript Title ELEM DIFF EQUAT II
UCEAP Quarter Units 6.00
UCEAP Semester Units 4.00

Course Description

This course examines power series methods (ordinary and regular singular points, Bessel's equation); boundary value problems and separation of variables (Fourier series and other orthogonal series), applications to the vibrating string, heat flow, potentials.

Language(s) of Instruction
English

Host Institution Course Number
MATHEMATICS 316

Host Institution Course Title
ELEMENTARY DIFFERENTIAL EQUATIONS II

Host Institution Course Details

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Course Last Reviewed
2024-2025

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