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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