

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 Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

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