COURSE DETAIL

DISCRETE MATHEMATICS
Country New Zealand
Host Institution University of Otago
Program(s) University of Otago
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Mathematics
UCEAP Course Number 121
UCEAP Course Suffix
UCEAP Official Title DISCRETE MATHEMATICS
UCEAP Transcript Title DISCRETE MATH
UCEAP Quarter Units 8.00
UCEAP Semester Units 5.30

Course Description

This course looks at problems that are associated with discrete rather than continuous situations. So the nature of the problems is quite distinct from those that are considered in a calculus paper because the important underlying set is the integers rather than the sets of real or complex numbers. The curriculum includes a selection from the following topics: combinatorics, counting techniques, logic, graph theory, set theory, relations, number theory. There will be an emphasis on both proof techniques and practical algorithms.

Language(s) of Instruction
English

Host Institution Course Number
MATH272

Host Institution Course Title
DISCRETE MATHEMATICS

Host Institution Course Details

Host Institution Campus
Otago

Host Institution Faculty
Maths and Statistics

Host Institution Degree

Host Institution Department
Mathematics

Course Last Reviewed

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