COURSE DETAIL

MATHEMATICAL LOGIC
Country New Zealand
Host Institution University of Auckland
Program(s) University of Auckland
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Mathematics
UCEAP Course Number 109
UCEAP Course Suffix
UCEAP Official Title MATHEMATICAL LOGIC
UCEAP Transcript Title MATHEMATICAL LOGIC
UCEAP Quarter Units 6.00
UCEAP Semester Units 4.00

Course Description
Logic addresses the foundations of mathematical reasoning and models the process of mathematical proof by providing a setting and the rules of deduction. It builds a basic understanding of first order predicate logic, introduces model theory, and demonstrates how models of a first order system relate to mathematical structures. This course is recommended for anyone studying high-level computer science or mathematical logic.

Language(s) of Instruction
English

Host Institution Course Number
MATHS 315

Host Institution Course Title
MATHEMATICAL LOGIC

Host Institution Course Details

Host Institution Campus
Auckland

Host Institution Faculty

Host Institution Degree

Host Institution Department
Mathematics

Course Last Reviewed

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