

MTH 200 : INTRODUCTION TO PROOFS

This course is meant to serve as a transition from calculus to more abstract mathematics and ways of thinking. This course emphasizes the importance of proper proof writing style and covers basic set theory, logic, and the main proof techniques in higher mathematics: direct proof, proof by contradiction, proof by contrapositive, and mathematical induction. These topics are fundamental to communicating and understanding mathematical concepts learned in later courses.

Credits: 3

Prerequisites:

MTH 120 or permission of instructor.

Program: Mathematics