

MAT 234: Discrete Math I

This course is an introduction to the theory and use of discrete mathematical structures that include quantitative reasoning, mathematical logic, mathematical induction, combinatorics (permutations and combinations), relations, partially ordered systems, graphs, trees, networks, permutations, logic and linear programming (predicate logic), analysis of algorithms, recursion, relationships, Boolean algebras and other algebraic structures, and modeling.

Credits: 3

Prerequisites: MAT145.

Program: **Mathematics**