

MAT 335: Discrete Math II

This course is an extension 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: MAT 234.

Program: **Mathematics**