

# MAT 227: Discrete Mathematics

Description: This course is designed to introduce students to the various tools and techniques in discrete mathematics and to prepare students for upper-level mathematics. Topics include set theory, Mathematical logic, and proof techniques, counting methods, recurrence relations, algorithms and complexity, graph theory and graph algorithms. Satisfies Core Curriculum requirement for a Mathematics (MAT) course.

**Credits:** Credits 3

**Prerequisites:**

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A grade of "C" or better in MAT 150

**Semester Offered:**

Semester Offered

Offered spring semester.

**Core Tags:**

Core Tags

MA