

# Math 401: Combinatorics

This course explores the counting methods of Math 301 in further depth. Additional topics may include Ramsey theory, combinatorial designs, graph theory, matroid theory, and other related topics.

3 Credits

### Prerequisites

- Math 301: Discrete Mathematics (Minimum grade: C)
- Pre-Requisite: 24 Earned Hours

## Instruction Type(s)

• Lecture: Lecture for Math 401

#### **Subject Areas**

Algebra and Number Theory

## **Related Areas**

- Analysis and Functional Analysis
- <u>Geometry/Geometric Analysis</u>
- Mathematics, General
- Topology and Foundations

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