

# Math 401: Combinatorics

An introduction to the mathematics of finite sets, Ramsey theory, Latin squares, graph theory, matroid theory, and other related topics. 3 Credits

## Prerequisites

- Math 305: Foundations of Mathematics (Minimum grade: C)
- Math 301: Discrete Mathematics (Minimum grade: C)
- Pre-Requisite: 24 Earned Hours

#### Instruction Type(s)

• Lecture: Lecture for Math 401

### **Subject Areas**

<u>Algebra and Number Theory</u>

#### **Related Areas**

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

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