

# Math 401: Combinatorics Mathematics

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
- Geometry/Geometric Analysis
- Mathematics, General
- Topology and Foundations

