

# Math 401: Combinatorics MATHEMATICS

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**

• Algebra and Number Theory

#### Related Areas

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