

# Math 302: Applied Modern Algebra

Languages, generating functions, recurrence relations, optimization, rings, groups, coding theory, and Polya theory. 3 Credits

## Prerequisites

- Math 301: Discrete Mathematics (Minimum grade: C)
- Pre-requisite: Math 301 or Math 305 with a minimum grade of C.
- Pre-Requisite: 24 Earned Hours

#### Instruction Type(s)

- Lecture: Lecture for Math 302
- Lecture: Compressed Video for Math 302

### **Subject Areas**

Algebra and Number Theory

#### **Related Areas**

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

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