

# Math 302: Applied Modern Algebra MATHEMATICS

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