

# Math 302: Applied Modern Algebra

This course covers elementary group theory with applications, including modular arithmetic, public key encryption, Polya enumeration, and an introduction to coding theory

3 Credits

#### Prerequisites

- 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**

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

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