

# Math 302: Applied Modern Algebra Mathematics

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

- [Analysis and Functional Analysis](#)
- [Geometry/Geometric Analysis](#)
- [Mathematics, General](#)
- [Topology and Foundations](#)

