

## **MA 329 - Number Theory**

3 Credit Hours

This course is a review of congruences, residue classes, least residues, various results related to congruences including the Chinese Remainder Theorem, multiplicative inverses, linear congruences in two or more variables, Euler's theorem, Wilson's theorem, Primitive roots, Quadratic residues, and certain types of Diophantine equations. Prerequisite(s) MA325 Introduction to Abstract Algebra