

MAT415: Abstract Algebra

A theoretical development of basic algebraic structures, with an emphasis on group theory. Topics include cyclic groups, Lagrange's Theorem, quotient groups, and homomorphisms. Rings, integral domains, and fields are introduced.

Credit Hour(s): 3

Prerequisites:

MAT225 and 301.

Department: Mathematics, Physics, and Computer Science

Semester Offered:

Fall (even)