

MAT 433: Abstract Algebra I

An introductory approach to the fundamentals of group, ring, and field theory. Topics to include groups, subgroups, cyclic groups, permutation groups, cosets, homomorphism, isomorphism, the Sylow theorems, rings, and fields.

Credits: Credits 3

Notes:

Notes

PCOM for Mathematics majors.

Prerequisites:

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A grade of "C" or better in MAT 225

Semester Offered:

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Offered fall semester, odd-numbered years.