

Abstract Algebra II

2018-2019 Academic Catalog

[Archived Catalog]

MATH 4540 - Abstract Algebra II

3 unit(s)

Continuation of MATH 4530. Topics include: ring theory, ideal theory, characteristic of rings, ring homomorphisms, fields, polynomial rings, factorization of polynomials, unique factorization and Euclidean domains, field extensions, and algebraic field extensions.

Prerequisites: MATH 4530 with a grade of C- or better or consent of instructor.

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