MTH 237: Linear Algebra

This course introduces the basic theory and application of the following topics: systems of linear equations and matrices, (finite-dimensional) vector spaces, linear transformations and matrices, determinants, eigenvalues and eigenvectors, inner product and orthogonality, Gram-Schmidt, least squares, and the diagonalization of symmetric matrices.

Credits: 3
Lab Hours: 0
Lecture Hours: 3
Prerequisites:
Grade of C or higher in MTH 126
Program: Mathematics