

Course Detail

Career	Undergraduate	
Units	3.00	
Grading Basis	Graded	
Course Components	Class Lecture	Required
Academic Group	Col of Arts, Sciences & Education	
Academic Organization	Math and Stats Sciences/CASE	

Enrollment Information

Enrollment Requirement Prerequisite: MAC2312"C"

Description

An introduction to the topics in linear algebra most often used in applications. Topics include: matrices and their applications; simultaneous linear equations and elementary operations; linear dependence; vector spaces; rank and inverses; inner products and best approximations; numerical solutions of simultaneous linear equations; eigen-values and eigenvectors; iterative methods for calculating eigenvalues; and systems of linear equations.