University of Florida

Johnathan Bush
College of Liberal Arts & Sciences

College *of* Liberal Arts *and* Sciences

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Linear Algebra – MAS 4105, Spring 2022

Time and location

Monday, Tuesday, Wednesday, Friday in Norman Hall 3035, period 3 (9:35 – 10:25am ET)

Course description

Linear equations, matrices, vector spaces, linear transformations, determinants, eigenvalues and inner-product spaces. Includes both theory and computational skills. Develops the ability to reason through and coherently write proofs of theorems. For math majors, this course serves as a transition from a study of techniques into more conceptual math; for engineering and science majors, it serves as a coherent foundation in linear algebra.

Prerequisites

(MAC 2313 or MAC 3474) and (MAS 3300 or MHF 3202) with minimum grades of C.

Textbook

Linear Algebra, 4th edition, by Friedberg, Insel, and Spence.

Syllabus

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