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PREREQUISITE WORKS: MATH(S) 668 c.9 () c.9-MC B3A CID 0c4.2 (K) 12-0.8 ()n Tw

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MATH 247. Introduction to Linear Algebra

Matrix algebra, linear transformations of  $n$ -tuples, determinants, orthogonal and rectangular bases for  $n$ -dimensional Euclidean spaces, inner products, Gram-Schmidt process, orthogonal projections, least squares, applications, inner products, computational methods.

Institution: \_\_\_\_\_ Semester or Quarter/Year: \_\_\_\_\_

Course Number: \_\_\_\_\_