



MORGAN  
STATE UNIVERSITY

## MATH313 Fall 2020

Linear Algebra II

Mathematics for **MACHINE**

**LEARNING**

**Description:** This course will integrate computational linear Algebra with the goal of equipping students with quantitative skills to build Machine Learning Algorithms.

**Instructor:** Dr. Ahlam Tannouri, Department of Mathematics ([Ahlam.Tannouri@Morgan.Edu](mailto:Ahlam.Tannouri@Morgan.Edu))

**Style:** Lectures/Computer Labs/Projects Based Learning

**Prerequisites:** MATH 312 or Department permission.

**Sample topics:** Image Classifications, Recommendation Systems, Fraud Detection and Analysis of genetic and Genomic Data sets,