

**MANE 3351**

# **LECTURE 18**

# Classroom Management

## Agenda

- Topic: Introduction to Linear Algebra
- Homework 5 (due November 3 - no late work)
- Survey at end of class - Test 2 date
- No lab today
- Remaining class schedule after Test 2 decision

# RESOURCES

# Handouts

- Lecture 18 slides
- Lecture 18 slides marked
- [Test 2 - Fall 2024](#)

# Calendar

Week	Monday Lecture	Wednesday Lecture
10	<b>11/3:</b> Linear Algebra	<b>11/5: ?</b>

# Introduction to Vectors

- [Vectors | Chapter 1, Essence of Linear Algebra Video](#)

# Examples of Vectors in Engineering

- Examples in engineering courses
- Examine [Kaggle](#)
- Vector Notation (including tilde)



# Linear Combinations, Span and Basis

- [Linear Combinations, span, and basis vectors | Chapter 2, Essence of linear algebra Video](#)