

MATH 436 Linear Algebra Fall 2023 Schedule

Lec.	Date	Section	Topic
1	8/21	1.A	Introduction. Complex numbers. \mathbb{R}^n and \mathbb{C}^n .
2	8/23	1.B,C	Vector spaces. Subspaces.
3	8/25	1.C	Examples. Sums and direct sums of subspaces.
4	8/28	2.A	Linear combinations and span. Polynomials.
5	8/30	2.A	Linear dependence and linear independence.
6	9/1	2.A	Linearly independent and spanning lists. Finite-dimensional subspaces.
-	9/4		<i>Labor Day - no classes.</i>
7	9/6	2.B	Bases.
8	9/8	2.C	Dimension.
9	9/11		Team Worksheet 1.