Math 253, Linear Algebra, Tentative Schedule:

Monday	Wednesday	Friday
Jan 18th **1**	20th **2** syllabus, 1.1 Introduction Plan	22nd **3** 1.2 Systems and Matrices Plan
25th **4** 1.3 Properties Plan	27th **5** 1.3 Properties/1.4 Equivalence and Row Operations Plan	29th **6** 1.4 Equivalence and Row Operations/1.5 Gaussian Elimination and RREF Plan
Feb 1st **7** 1.5 Gaussian Elimination and RREF/Python 1 Plan	3rd **8** 1.6 Homogeneous Systems/1.9 Stochastic Matrices Plan	5th **9** Catch-up and **Review** Plan
8th **10** **Exam I**	10th **11** 2.1/2.2/2.3 Vectors Plan	12th **12** 2.1/2.2/2.3 Vectors, 2.4 Subspaces Plan
15th **13** Snow day	17th **14** Snow day	19th **15** 2.4 Subspaces/2.5 Linear Combinations and Span Plan
22nd **16** 2.5 Linear Combinations and Span/2.6 Linear Independence Plan	24th **17** 2.6 Linear Independence Plan	26th **18** 2.7 Basis and Dimension Plan
Mar 1st **19** 2.7 Basis and Dimension Plan	3rd **20** 2.8 Rank/2.9 Nullity Plan	5th **21** 2.9 Nullity Plan
8th **22** **Review** Plan	10th **23** **Exam II**	12th **24** 3.1 Linear Transformations Plan

Monday	Wednesday	Friday
15th **25** 3.1 Linear Transformations/3.2 Properties Plan	17th **26** 3.2 Properties/3.3 Matrix of an LT Plan	19th **27** 3.3 Matrix of an LT Plan
22nd **28** 3.3 Matrix of an LT Plan	24th **29** 3.3 Matrix of an LT/3.4 Properties/3.5 Change of Basis Plan	26th **Spring Break**
29th **30** 3.5 Change of Basis Plan	31st **31** 3.6 Row and Column Operations Plan	Apr 2nd **32** 4.1 Determinants Plan
5th **33** 4.1, 4.2 Properties Plan	7th **34** 4.2, 4.3 Cramer's Rule (Plan)	9th **35** **Review** Plan
12th **36** **Exam III**	14th **37** 5.1 Gram-Schmidt Plan	16th **38** 5.2 Eigenstuff Plan
19th **39** 5.3 Similarity to a Diagonal Matrix Plan	21st **SSRD**	23rd **40** 5.3 Similarity to a Diagonal Matrix/Python 2 Plan
26th **41** 5.4 Page Rank/5.5 Symmetric and Hermitian Matrices Plan	28th **42** 5.6 Cayley-Hamilton Plan	30th **43** Catch-up/Review Plan
May 3rd **44**	5th **45**	7th **46**

- **5/6: Final Exam Linear, 8-11am**
- **5/8: Final Exam MATH 130, 8-11am**