Math 253, Linear Algebra, Tentative Schedule:

Monday	Wednesday	Friday
Jan 21st **1**	23rd **2** syllabus, 1.1 Introduction/1.2 Systems and Matrices	25th **3** 1.2 Systems and Matrices/1.3 Properties
28th **4** 1.3 Properties/1.4 Equivalence and Row Operations	30th **5** 1.4 Equivalence and Row Operations/1.5 Gaussian Elimination and RREF	Feb 1st **6** 1.5 Gaussian Elimination and RREF/Python 1
4th **7** 1.6 Homogeneous Systems/1.9 Stochastic Matrices	6th **8** **Review**	8th **9** **Exam I**
11th **10** 2.1/2.2/2.3 Vectors	13th **11** 2.1/2.2/2.3 Vectors, 2.4 Subspaces	15th **12** 2.4 Subspaces/2.5 Linear Combinations and Span
18th **13** 2.5 Linear Combinations and Span/2.6 Linear Independence	20th **14** 2.6 Linear Independence	22nd **15** 2.6 Linear Independence/catch-up
25th **16** 2.7 Basis and Dimension	27th **17** 2.7 Basis and Dimension	Mar 1st **18** 2.8 Rank/2.9 Nullity
4th **19** 2.9 Nullity	6th **20** **Review**	8th **21** **Exam II**
11th **22** 3.1 Linear Transformations	13th **23** 3.1 Linear Transformations/3.2 Properties	15th **24** 3.2 Properties/3.3 Matrix of an LT
18th **25** 3.3 Matrix of an LT	20th **26** 3.3 Matrix of an LT/3.4 Properties/3.5 Change of Basis	22nd **27** 3.5 Change of Basis
25th **Spring Break**	27th **Spring Break**	29th **Spring Break**

Monday	Wednesday	Friday
Apr 1st **28** 3.6 Row and Column Operations	3rd **29** 4.1 Determinants	5th **30** 4.2 Properties
8th **31** 4.3 Cramer's Rule	10th **32** **Review**	12th **33** **Exam III**
15th **34** 5.1 Gram-Schmidt	17th **35** 5.1 Gram-Schmidt	19th **36** 5.2 Eigenstuff
22nd **37** 5.3 Similarity to a Diagonal Matrix	24th **SSRD**	26th **38** 5.3 Similarity to a Diagonal Matrix/Python 2
29th **39** 5.4 Page Rank/5.5 Symmetric and Hermitian Matrices	May 1st **40** 5.6 Cayley-Hamilton	3rd **41** 6.1/6.2 Jordan Canonical Form/review
6th **42** 6.2 JCF/Review	8th **43**	10th **44**

- **2/4: Last Day to Add/Drop Full Semester and First Half-Semester Classes**
- **2/11: Last Day to Choose Credit/No Credit (CR/NC) or Audit (AUD) Grading for First Half-Semester Classes**
- **2/19: Last Day to Withdraw from First-Half-Semester Courses**
- **2/22: Last day for students to submit work to faculty for grading to replace grades of Incomplete (I) from the spring 2017 semester.**
- **3/4: Last Day to Choose Credit/No Credit (CR/NC) Grading for Full Semester Classes**
- **3/11: Last Day of First-Half-Semester Courses**
- **3/12: First Day of Second-Half-Semester Courses**
- **4/1: Last Day to Withdraw from Full Semester Classes**
- **4/1: Last Day to Add/Drop Second-Half-Semester Courses**
- **4/8: Last Day to Choose Credit/No Credit (CR/NC) or Audit (AUD) Grading for Second-Half-Semester Classes**
- **4/16: Last Day to Withdraw from Second-Half-Semester Courses**
- **5/6: Last Day of Full Semester and Second-Half-Semester Courses**
- **5/11: Final Exam Multi, 8-11am**
- **5/13: Final Exam Linear, 8-11am**