

AUGUST
2023

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	First Day of Class 23 Vectors in Euclidean Space	24	The Norm and the 25 Dot Product Syllabus Quiz	26
27	Matrices and Their 28 Algebra Quiz: Vectors in Euclidean Space	Solving Systems of 29 Linear Equations Group Work: Basic Properties of Vectors & Matrices	Solving Systems of 30 Linear Equations	31		

SEPTEMBER

2023

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
					Inverses of Square Matrices <i>Quiz: Matrices and Their Algebra</i>	
3	Labor Day 4	Homogeneous Systems, Subspaces, & Bases 5 <i>Group Work: Systems of Linear Equations</i>	Homogeneous Systems, Subspaces, & Bases 6 <i>Quiz: Systems of Linear Equations</i>	7	Independence and Dimension 8 <i>Quiz: Inverses of Square Matrices</i>	9
10	The Rank of a Matrix 11 <i>Quiz: Homogeneous Systems, Subspaces, & Bases</i>	Areas, Volumes, and Cross Products 12 <i>Group Work: Subspaces, Bases, Independence, and Dimension</i>	Areas, Volumes, and Cross Products 13	14	The Determinant of a Square Matrix 15 <i>Quiz: Independence and Dimension</i>	16
17	Computations of Determinants and Cramer's Rule 18 <i>Quiz: Matrix Rank</i>	Computations of Determinants and Cramer's Rule 19	Exam I Review 20	21	Exam I Review 22 <i>Quiz: Areas, Volumes, and Cross Products</i>	23
24	Exam I Review 25	Exam I 26	Characteristic and Minimal Polynomials 27	28	Characteristic and Minimal Polynomials 29	30

OCTOBER

2023

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1	Eigenvalues and Eigenvectors Quiz: Characteristic and Minimal Polynomials	Eigenvalues and Eigenvectors Group Work: Characteristic and Minimal Polynomials	Diagonalization		Diagonalization Quiz: Eigenvalues and Eigenvectors	
8	The Cayley-Hamilton Theorem Quiz: Diagonalization	Smith Normal Form Group Work: Eigenvalues, Eigenvectors, and Diagonalization	Smith Normal Form	Fall Break	Fall Break	
15	The Rational Canonical Form Quiz: Smith Normal Form	The Rational Canonical Form Group Work: Canonical Forms	The Jordan Canonical Form		The Jordan Canonical Form Quiz: Rational Canonical Form	
22	Review of Canonical Forms Quiz: Jordan Canonical Form	Review of Canonical Forms	Exam II Review		Exam II Review Quiz: Review of Canonical Forms	
29	Exam II Review	Exam II				

NOVEMBER 2023

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
			Linear Transformations of Euclidean Spaces ¹	²	Linear Transformations of Euclidean Spaces ³	⁴
⁵	Vector Spaces ⁶ Quiz: Linear Transformations of Euclidean Spaces	Vector Spaces ⁷ Group Work: Linear Transformations and Vector Spaces	Basic Concepts of Vector Spaces ⁸	⁹	Coordinatization of Vector Spaces ¹⁰ Quiz: Vector Spaces	¹¹
¹²	Matrix Representations and Similarity ¹³ Quiz: Coordinatization of Vector Spaces	Linear Transformations ¹⁴ Group Work: Coordinatization, Matrix Representations, and Inner Products	Inner Product Spaces ¹⁵	¹⁶	Inner Product Spaces ¹⁷ Quiz: Matrix Representations and Similarity	¹⁸
¹⁹	Exam III Review ²⁰ Quiz: Inner Product Spaces	Exam III Review ²¹	Thanksgiving Break ²²	Thanksgiving Break ²³	Thanksgiving Break ²⁴	²⁵
²⁶	Exam III Review ²⁷	Exam III ²⁸	Final Exam Review ²⁹	³⁰	Final Exam Review ¹	²

DECEMBER

2023

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
3	Final Exam Review 4	Final Exam Review 5	Final Exam Review 6	7	Final Exam Review 8	9
10	Final Exam Week 11 Final Exam 3:00 to 6:00 PM Mulvane 409	Final Exam Week 12	Final Exam Week 13	Final Exam Week 14	Final Exam Week 15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						