

Math 308 D — Winter 2018 Schedule

Week 1 starts Jan 3th	W	Intro + §1.1: lines and linear equations
	F	§1.2: linear systems and matrices
Week 2 starts Jan 8th	M	§1.2: linear systems and matrices
	Tue	Homework Due: §1.1, 1.2
	W	§1.2, 2.1: matrices and vectors
	F	§2.2: span
Week 3 starts Jan 15th	M	NO CLASS (M. Luther King Day)
	Tue	Homework Due: §2.1, 2.2
	W	§2.2, 2.3: span, linear independence
	F	§2.3: linear independence
Week 4 starts Jan 22rd	M	§3.1: linear transformations
	Tue	Homework Due: §2.3, 3.1
	W	§3.1: linear transformations
	F	§3.2: matrix algebra - QUIZ
Week 5 starts Jan 29th	M	§3.3: inverses
	Tue	Homework Due: §3.2, 3.3
	W	catch up and review for Exam I
	F	Exam I over §1.1, 1.2, 1.4 , 2.1–2.3, 3.1–3.3
Week 6 starts Feb 5th	M	§4.1: intro to subspaces
	Tue	Homework Due: §4.1
	W	§4.2: basis and dimension
	F	§4.3: row and column spaces
Week 7 starts Feb 12th	M	§5.1: the determinant function
	Tue	Homework Due: §4.2, 4.3
	W	§5.2: properties of the determinant - QUIZ
	F	§catch up and review for Exam II
Week 8 starts Feb 19th	M	NO CLASS (Presidents Day)
	Tue	Homework Due: §5.1, 5.2
	W	Exam II over §4.1–4.3, 5.1–5.2
	F	§6.1: eigenvalues and eigenvectors
Week 9 starts Feb 26th	M	§6.1: eigenvalues and eigenvectors
	W	§6.2: diagonalization
	Th	Homework Due: §6.1, 6.2
	F	§8.1: dot products and orthogonal sets
Week 10 starts Mar 5th	M	§8.2: Projections and Gram-Schmidt process
	W	§8.2: Projections and Gram-Schmidt process - QUIZ
	Th	Homework Due: §8.1, 8.2
	F	catch up and review for Final Exam