Math 308 G — Spring 2017 Schedule

Week	Day	Topic
Week 1 starts March 27th	M	Intro + §1.1: lines and linear equations
	W	§1.2: linear systems and matrices
	Th	**Homework Due: §1.1, 1.2**
	F	§1.2: linear systems and matrices
Week 2 starts April 3rd	M	§1.4: applications of linear systems
	W	§2.1: vectors
	Th	**Homework Due: §1.4, 2.1**
	F	§2.2: span
Week 3 starts April 10th	M	§2.2, 2.3: span, linear independence
	W	§2.3: linear independence - **QUIZ 1**
	Th	**Homework Due: §2.2, 2.3**
	F	catch up and review
Week 4 starts April 17th	M	**Exam I over §1.1, 1.2, 1.4, 2.1–2.3**
	W	§3.1: linear transformations
	F	§3.1: linear transformations
Week 5 starts April 24th	M	§3.2: matrix algebra
	W	§3.2, 3.3: matrix algebra, inverses
	Th	**Homework Due: §3.1, 3.2**
	F	§3.3: inverses
Week 6 starts May 1st	M	§4.1: intro to subspaces
	W	§4.2: basis and dimension - **QUIZ 2**
	Th	**Homework Due: §3.3, 4.1, 4.2**
	F	§4.3: row and column spaces
Week 7 starts May 8th	M	§5.1: the determinant function
	W	catch up and review
	Th	**Homework Due: §4.3, 5.1**
	F	**Exam II over §3.1–3.3, 4.1–4.3, 5.1**
Week 8 starts May 15th	M	§6.1: eigenvalues and eigenvectors
	W	§6.1: eigenvalues and eigenvectors
	Th	**Homework Due: §6.1**
	F	§6.3: change of basis
Week 9 starts May 22nd	M	§6.3, 6.4: change of basis and diagonalization
	W	§6.4: diagonalization
	Th	**Homework Due: §6.3, 6.4**
	F	§8.1: dot products and orthogonal sets
Week 10 starts Mary 29	M	**NO CLASS (Memorial Day)**
	W	§8.2, 8.5: projections, least squares regression - **QUIZ 3**
	Th	**Homework Due: §8.1, 8.2**
	F	review