Math 308 I and J — Fall 2016 Schedule

Week 1	M	9/26	**NO CLASS**
	W	9/28	Intro + §1.1: lines and linear equations
	F	9/30	§1.2: linear systems and matrices
Week 2	M	10/3	§1.2: linear systems and matrices
	W	10/5	§1.4: applications of linear systems
	Th	10/6	**Homework Due: §1.1, 1.2**
	F	10/7	§2.1: vectors
Week 3	M	10/10	§2.2: span
	W	10/12	§2.2, 2.3: span, linear independence
	Th	10/13	**Homework Due: §1.4, 2.1**
	F	10/14	§2.3: linear independence
Week 4	M	10/17	Catch up
	W	10/19	§3.1: linear transformations
	Th	10/20	**Homework Due: §2.2, 2.3**
	F	10/21	§3.1: linear transformations
Week 5	M	10/24	§3.2: matrix algebra
	W	10/26	§3.2, 3.3: matrix algebra, inverses
	Th	10/27	**Homework Due: §3.1**
	F	10/28	§3.3: inverses
Week 6	M	10/31	Review
			Homework Due: §3.2, 3.3
	W	11/2	**Midterm**; §1.1-1.2, 1.4, 2.1-2.3, 3.1–3.3; in-lecture
	F	11/4	§4.1: intro to subspaces

Week 7	M	11/7	§4.2: basis and dimension
	W	11/9	§4.3: row and column spaces
	Th	11/10	**Homework Due: §4.1, 4.2**
	F	11/11	**NO CLASS** (Veteran's Day)
Week 8	M	11/14	§5.1: the determinant function
	W	11/16	§6.1: eigenvalues and eigenvectors
	Th	11/17	**Homework Due: §4.3, 5.1**
	F	11/18	§6.1, 6.3: eigenvalues and eigenvectors, change of basis
Week 9	M	11/21	§6.3: change of basis
	W	11/23	Catchup
			Homework Due: §6.1
	Th	11/24	Thanksgiving Day
	F	11/25	**NO CLASS** (Thanksgiving)
Week 10	M	11/28	§6.4: diagonalization (no WebAssign)
	W	11/30	§8.1: dot products and orthogonal sets
	Th	12/1	**Homework Due: §6.3**
	F	12/2	§8.2: projections
Week 11	M	12/5	§8.5: least squares regression
			Homework Due: §8.1, 8.2
	W	12/7	§6.5: complex eigenvalues (no WebAssign)
	Th	12/8	**Homework Due: §8.5**
	F	12/9	Review
Week 12	M	12/12	**Section J Final**; cumulative; 2:30-4:20pm in lecture room
	Th	12/15	**Section I Final**; cumulative; 8:30-10:20am in lecture room