Math 308 L— Autumn 2016

Week 1	W	Intro + §1.1: lines and linear equations
	F	§1.2: linear systems and matrices
Week 2	M	§1.2: linear systems and matrices
	W	§1.4: applications of linear systems
	Th	**Homework Due: §1.1, 1.2**
	F	§2.1: vectors
Week 3	M	§2.2: span
	W	§2.2, 2.3: span, linear independence
	Th	**Homework Due: §1.4, 2.1**
	F	§2.3: linear independence
Week 4	M	catch up and review
	W	review for Exam I
	Th	**Homework Due: §2.2, 2.3**
	F	**Exam I on §1.1, 1.2, 1.4 , 2.1–2.3**
Week 5	M	§3.1: linear transformations
	W	§3.1: linear transformations
	Th	**Homework Due: §3.1**
	F	§3.2: matrix algebra
Week 6	M	§3.2: matrix algebra
	W	§3.3: inverses
	Th	**Homework Due: §3.2**
	F	§3.3: inverses
Week 7	M	§4.1: intro to subspaces
	W	§4.2: basis and dimension
	Th	**Homework Due: §3.3, 4.1**
	F	**NO CLASS (Veteran's Day)**
Week 8	M	§4.3: row and column spaces
	W	review for Exam II
	Th	**Homework Due: §4.2, 4.3**
	F	**Exam II on §3.1–3.3, 4.1–4.3**
Week 9	M	§5.1: the determinant function
	W	§6.1: eigenvalues and eigenvectors
	Th	(No homework, Thanksgiving)
	F	**NO CLASS (Thanksgiving Holiday)**
Week 10	M	§6.1: eigenvalues and eigenvectors
	W	§6.3: change of basis
	Th	**Homework Due: §5.1,6.1**
	F	§8.1: dot products and orthogonal sets
Week 11	M	§8.2, 8.5: projections, least squares regression
	W	catch up and review
	Th	**Homework Due: §6.3, 8.1, 8.2, 8.5**
	F	review for Final Exam