

Math 308 — Spring 2015 Schedule

Week 1	M	3/30	Intro + §1.1: lines and linear equations
	W	4/1	§1.2: linear systems and matrices
	F	4/3	§1.2: linear systems and matrices
Week 2	M	4/6	§1.4: applications of linear systems
	W	4/8	§2.1: vectors
	Th	4/9	Homework Due: §1.1, 1.2, 1.4
	F	4/10	§2.2: span
Week 3	M	4/13	§2.2, 2.3: span, linear independence
	W	4/15	§2.3: linear independence
	Th	4/16	Homework Due: §2.1, 2.2
	F	4/17	catch up and review
Week 4	M	4/20	review
	T	4/21	Homework Due: §2.3
	W	4/22	Exam I over §1.1, 1.2, 1.4, 2.1–2.3
	F	4/24	§3.1: linear transformations
Week 5	M	4/27	§3.1: linear transformations
	W	4/29	§3.2: matrix algebra
	Th	4/30	Homework Due: §3.1
	F	5/1	§3.2, 3.3: matrix algebra, inverses
Week 6	M	5/4	§3.3: inverses
	W	5/6	§4.1: intro to subspaces
	Th	5/7	Homework Due: §3.2, 3.3
	F	5/8	§4.2: basis and dimension
Week 7	M	5/11	§4.3: row and column spaces
	W	5/13	catch up and review
	Th	5/14	Homework Due: §4.1, 4.2, 4.3
	F	5/15	Exam II over §3.1–3.3, 4.1–4.3
Week 8	M	5/18	§5.1: the determinant function
	W	5/20	§6.1: eigenvalues and eigenvectors
	Th	5/21	Homework Due: §5.1
	F	5/22	§6.1: eigenvalues and eigenvectors
Week 9	M	5/25	NO CLASS
	W	5/27	§6.3: change of basis
	Th	5/28	Homework Due: §6.1
	F	5/29	§8.1: dot products and orthogonal sets
Week 10	M	6/1	§8.2, 8.5: projections, least squares regression
	W	6/3	catch up and review
	Th	6/4	Homework Due: §6.3, 8.1, 8.2, 8.5
	F	6/5	review
Week 11	T	6/9	Final , cumulative. 2:30-4:20pm in LOW 201