

MA 125	2023S1	Last Updated: 1/16/2023
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No.	2023S1 Date	Topics	Text	Practice Problems	Due Dates Assignments	Wk
NC	16-Jan	Offices Closed; M. L. King Day				1
NC	17-Jan					
L-1	18-Jan	Vectors in the plane and space	OSC-2.1; OSC-2.2	OSC-2.1; OSC-2.2 exercises		
R-1	19-Jan	<i>Practice (L1 material)</i>				
L-2	20-Jan	<i>Dot products</i>	OSC-2.3	OSC-2.3 exercises	SSP-1	
L-3	23-Jan	Projections, work and cross products	OSC-2.3; OSC-2.4	OSC-2.3; OSC-2.4 exercises	SSP-2 MCQ-1	2
R-2	24-Jan	<i>Practice (L2, L3 material)</i>				
L-4	25-Jan	Cross products and applications; lines	OSC-2.4; OSC-2.5	OSC-2.4; OSC-2.5 exercises	SSP-3	
W-1	26-Jan	<i>Workshop</i>				
NC	27-Jan				HW-1	
L-5	30-Jan	Planes and parametric curves	OSC-2.5; OSC-3.1	OSC-2.5; OSC-3.1 exercises	SSP-4 MCQ-2	3
R-3	31-Jan	<i>Practice (L4, L5 material)</i>				
L-6	1-Feb	Calculus of parametric curves	OSC-3.2; OSC-3.3	OSC-3.2; OSC-3.3 exercises		
W-2	2-Feb	<i>Workshop</i>				
L-7	3-Feb	Motion in space	OSC-3.4	OSC-3.4 exercises	SSP-5 HW-2	
L-8	6-Feb	Geometry of systems of equations; row operations	KLA-1.1; KLA-1.2	KLA-1.1; KLA-1.2 exercises	SSP-6 Exam-1	4
R-4	7-Feb	<i>Practice (L6 - L8 material)</i>				
L-9	8-Feb	Gaussian and Gauss-Jordan elimination	KLA-1.3	KLA-1.3 exercises		
W-3	9-Feb	<i>Workshop</i>				
L-10	10-Feb	Matrices and their arithmetic	KLA-2.1; KLA-2.2	KLA-2.1; KLA-2.2 exercises	SSP-7 HW-3	
L-11	13-Feb	Identity and inverse	KLA-2.4-2.7	KLA-2.4-2.7 exercises	SSP-8 MCQ-3	5
R-5	14-Feb	<i>Practice (L9 - L11 material)</i>				
L-12	15-Feb	Inverses; elementary matrices; determinants	KLA-2.8;KLA-2.9;KLA-3.4	KLA-2.8;KLA-2.9;KLA-3.4 exercises		
W-4	16-Feb	<i>Workshop</i>				
NC	17-Feb				HW-4	
NC	20-Feb	Offices Closed; President's Day				6
R-6	21-Feb	<i>Practice (L12 material)</i>				
L-13	22-Feb	Span; linear independence; bases; subspaces	KLA-4.10	KLA-4.10 exercises	SSP-9 MCQ-4	
W-5	23-Feb	<i>Workshop</i>				
L-14	24-Feb	Linear transformations	KLA-5.1; KLA-5.2	KLA-5.1; KLA-5.2 exercises	SSP-10 HW-5	
L-15	27-Feb	Eigenvalues and eigenvectors	KLA-7.1	KLA-7.1 exercises	SSP-11 MCQ-5	7
R-7	28-Feb	<i>Practice (L15 material)</i>				
L-16	1-Mar	Eigenspaces, similarity and diagonalization	KLA-7.2; KLA-6.1-6.3	KLA-7.2; KLA-6.1-6.3 exercises		
R-8	2-Mar	<i>Practice (L15, L16 material)</i>			HW-6	
NC	3-Mar					
NC	6-Mar				Exam-2	8
NC	7-Mar					
NC	8-Mar					
NC	9-Mar					
NC	10-Mar	MA-126 begins Mon, March 20th				

EX Exam
MCQ Multiple-choice Quiz
HW Written Homework
SSP Self-study Project
OSC OpenStax Calculus Volume 3
KLA Kuttler Linear Algebra