

Class Schedule 2017

M	W	Th
		9/7 Lecture 1 System of Lin. Eqns. 1.1, 1.2
9/11 Recitation 1 1.1, 1.2	9/13 Recitation 1 1.1, 1.2	9/14 Lecture 2 Soln Sets of Linear Systems 1.3, 1.4, 1.5, HW1
9/18 Recitation 2 1.3, 1.4, 1.5	9/20 Recitation 2 1.3, 1.4, 1.5	9/21 <i>No Class</i>
9/25 Lecture 3 Vectors Recitation 3	9/27 Lecture 3 Vectors Recitation 3	9/28 Lecture 4 Linear Transformations 1.7, 1.8, 1.9, HW2
10/2 Recitation 4 1.7, 1.8, 1.9	10/4 Recitation 4 1.7, 1.8, 1.9	10/5 Lecture 5 Matrix Algebra 2.1, 2.2
10/9 Recitation 5 2.1, 2.2	10/11 Recitation 5 2.1, 2.2	10/12 Lecture 6 Properties of Matrix Algebra 2.3, 2.4, HW3
10/16 Recitation 6 2.3, 2.4	10/18 Recitation 6 2.3, 2.4	10/19 Lecture 7 Determinants 3.1, 3.2
10/23 Recitation 7 3.1, 3.2	10/25 Recitation 7 3.1, 3.2	10/26 Lecture 8 Applications of Determinants 3.3
10/30 Recitation 8 3.3, Suppl.	11/1 Recitation 8 3.3, Suppl.	11/2 Lecture 9 Eigenvalues and Eigenvectors 5.1, 5.2, 5.3, HW4
11/6 Recitation 9 5.1, 5.2, 5.3	11/8 Recitation 9 5.1, 5.2, 5.3	11/9 Lecture 10 Review
11/13 Recitation 10 Remaining Problems Review		11/14 Make-Up Review

Instructors

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MA	TA Y.K.		w/ a helper at N231
MB	TA M.Y.		w/ a helper at N232
W	TA H.T.		w/ a helper at N232

Math Helpdesk: Kuno (M), Tanaka (W) from 12:50 p.m. – 4:20 p.m. at SH S302

Core Problems and Homeworks

schedule (tentative)

	Core Problems	Recitation Problems	M	W
1.1	9, 15, 21, 29		9/11	9/13
1.2	3, 9, 15, 17		9/11	9/13
1.3	5, 11, 17		9/18	9/20
1.4	5, 11, 21		9/18	9/20
1.5	3, 5, 17		9/18	9/20
1.6	HW1			
Vectors	1(a)-(d), 3(a)(b)		9/25	9/25
1.7	5, 11, 17		10/2	10/4
1.8	3, 9, 17		10/2	10/4
1.9	1, 9, 15, 17, 35		10/2	10/4
1.10	HW2			
Suppl.	HW2			
2.1	5, 11, 17, 27		10/9	10/11
2.2	5, 9, 15, 35		10/9	10/11
2.3	3, 13, 21, 27, 33		10/16	10/18
2.4	9, 17, 21		10/16	10/18
2.5	-			
2.6	-			
2.7	-			
2.8	-			
2.9	-			
Suppl.	HW3			
3.1	3, 9, 15, 23		10/23	10/25
3.2	5, 9, 11, 21		10/23	10/25
3.3	5, 11, 30, 32		11/2	11/4
Suppl.	4, 9, 17		11/2	11/4
5.1	3, 5, 29		11/6	11/8
5.2	3, 9, 15		11/6	11/8
5.3	3, 5, 11		11/6	11/8

- HW1 Due Sept.21 Read 1.6 and solve 2 each from Ex. 2-4, Ex. 6-10, Ex. 12-14
- HW2 Due Oct. 5 Read 1.10 and solve 1 problem each from Ex. 1-4, 5-8, 9-14 in Section 1.10 and 3 problems from Chap.1 Suppl. Ex. 3, 7, 13, 16, 17, total of 6
- HW3 Due Oct.19 6 problems from Chap.2 Suppl. Ex. 3, 4, 5, 11, 13, 14, 16, 18
- HW4 Due Nov. 9 Review Problems (to be distributed)

For problems with [M], you may use Linear Algebra Toolkit, SageMath, or Octave and give inputs.

Submit all your homework in the Report Box No.11 in front of Science Hall N201 by 9:00 p.m.

Attend either Monday or Wednesday Recitation Class by your choice.

Solve all core problems of corresponding sections before you come to recitation session.