

Count	DOW	Day	Topic	Due/Comment
1	Wed	26-Aug	Mappings, transformations,	Chapter 2; Section 1
2	Fri	28-Aug	Function composition,	
3	Mon	31-Aug	Groups of Transformations	NE1: Circle Inversion
4	Wed	2-Sep	Types of Groups	
5	Fri	4-Sep	Isometries in the plane	Q: Symmetry groups (OC: outside class)
	Mon	7-Sep	<i>Labor Day</i>	
6	Wed	9-Sep	Isometries in the plane	Q: Symmetry groups due
7	Fri	11-Sep	Isometries in the plane	
8	Mon	14-Sep	Orthogonal matrices 1	A1: Isometries in the plane
9	Wed	16-Sep	Orthogonal matrices 2	
10	Fri	18-Sep	Orthogonal matrices 3	
11	Mon	21-Sep	Orthogonal matrices 4	NE2: Lambert quadrilaterals
	Wed	23-Sep	<i>REACH Seminar day</i>	
12	Fri	25-Sep	Orthogonal matrices 5	Q: 2D isometry statements
13	Mon	28-Sep	Orthogonal matrices 6	
14	Wed	30-Sep	Review Chapter 2A	
	Fri	2-Oct	<i>Washington Center Challenges</i>	Test: Chapter 2A; OC: take up to 2 hours
15	Mon	5-Oct	3-space isometries	Chapter 2A test due at start of class
16	Wed	7-Oct	3-space isometries	
17	Fri	9-Oct	Similarities	Q: 3D isometry statements
18	Mon	12-Oct	Dilations	
19	Wed	14-Oct	Review Chapter 2B	Test: Chapter 2B; OC: take up to 2 hours
20	Fri	16-Oct	Circles, special triangle points 1	Chapter 2B test due at start of class
	Mon	19-Oct	<i>Fall Break</i>	
21	Wed	21-Oct	Circles, special triangle points 2	
22	Fri	23-Oct	Circles, special triangle points 3	Due Transformations assignment
23	Mon	26-Oct	Theorems of Ceva and Menelaus	
24	Wed	28-Oct	Theorems of Ceva and Menelaus	
25	Fri	30-Oct	Nine point circle	
26	Mon	2-Nov	Euler Line, Miquel point, etc	A2 and NE3: Named points and circles
27	Wed	4-Nov	Constructions Regular polys 1	
28	Fri	6-Nov	Constructions Regular polys 2	Test: Chapter 4; OC: take up to 2 hours
29	Mon	9-Nov	Chapter 4 test drawings	Chapter 4 test due at start of class
30	Wed	11-Nov	Advanced constructions 1	
31	Fri	13-Nov	Advanced constructions 2	
32	Mon	16-Nov	Advanced constructions 3	A3: Other transformations
33	Wed	18-Nov	PG: definitions, axioms 1	A4: Tessellations
34	Fri	20-Nov	PG: definitions, axioms 2	Due Non-Euclidean Geometry Project
	M-F		<i>Thanksgiving Break</i>	
35	Mon	30-Nov	Desargues' Theorem	
36	Wed	2-Dec	Harmonic sets, Quad	Due Advanced Constructions
37	Fri	4-Dec	Duality	
38	Mon	7-Dec	Elliptic Curves	A5: Orthogonal circles
39	Wed	9-Dec	Semester review 1	Q: Duality quiz
40	Fri	11-Dec	Semester review 2	
			Final Exam	Due Historical Readings