

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