Date		College Geometry (Barsamian) Calendar (Final Version, Revised Mon Apr 15, 2024)	HQX
Mon Jan 15		Holiday: No Class	
Wed Jan 17	L01	2.1 The structure of an axiomatic system, 2.2 An Example: Incidence geometry	
Fri Jan 19	L02	2.3 The parallel postulates in incidence geometry; 2.4 Axiomatic systems and the real world	
Mon Jan 22	L03	2.5 Theorems, proofs, and logic	
Wed Jan 24	L04	2.6 Some theorems from incidence geometry	
Fri Jan 26	L05	3.1 The Undefined terms and two fundamental axioms, 3.2 Distance and the Ruler Postulate	H1,Q1
Mon Jan 29	L06	3.2 Distance and the Ruler Postulate	
Wed Jan 31	L07	3.2 Distance and the Ruler Postulate; 3.3 Plane Separation	
Fri Feb 2	L08	3.3 Plane Separation	H2,Q2
Mon Feb 5	L09	3.4 Angle measure and the Protractor Postulate	
Wed Feb 7	L10	3.5 The Crossbar Theorem and the Linear Pair Theorem	
Fri Feb 9	L11	3.6 The Side-Angle-Side Postulate	H3,Q3
Mon Feb 12	L12	3.7 The parallel postulates and models	
Wed Feb 14	L13	3.7 The parallel postulates and models	
Fri Feb 16		**Exam X1 Covering Chapters 2 and 3**	X1
Mon Feb 19	L14	4.1 The Exterior Angle Theorem and existence of perpendiculars	
Wed Feb 21	L15	4.2 Triangle congruence conditions	
Fri Feb 23	L16	4.3 Three inequalities for triangles	H4,Q4
Mon Feb 26	L17	4.3 Three inequalities for triangles	
Wed Feb 28	L18	4.4 The Alternate Interior Angles Theorem	
Fri Mar 1	L19	4.5 The Saccheri-Legendre Theorem	H5,Q5
Mon Mar 4	L20	4.6 Quadrilaterals	
Wed Mar 6	L21	4.7 Statements equivalent to the Euclidean Parallel Postulate	
Fri Mar 8	L22	4.7 Statements equivalent to the Euclidean Parallel Postulate	H6,Q6
Mon Mar 11		Spring Break: No Class	
Wed Mar 13			
Fri Mar 15			
Mon Mar 18	L23	4.8 Rectangles and defect	
Wed Mar 20		**Exam X2 Covering Chapter 4**	X2
Fri Mar 22	L24	5.1 Basic theorems of Euclidean geometry	
Mon Mar 25	L25	5.2 The Parallel Projection Theorem; 5.3 Similar triangles	
Wed Mar 27	L26	5.4 The Pythagorean Theorem	
Fri Mar 29	L27	5.5 Trigonometry	H7,Q7
Mon Apr 1	L28	5.6 Exploring the Euclidean geometry of the triangle	
Wed Apr 3	L29	5.6 Exploring the Euclidean geometry of the triangle	
Fri Apr 5	L30	5.6 Exploring the Euclidean geometry of the triangle	H8,Q8
Mon Apr 8	L31	7.1 The Neutral Area Postulate	
Wed Apr 10	L32	7.2 Area in Euclidean geometry	
Fri Apr 12		**Exam X3 Covering Chapters 5 and 7**	X3
Mon Apr 15	L33	8.1 Circles and lines in neutral geometry	
Wed Apr 17	L34	8.2 Circles and triangles in neutral geometry	
Fri Apr 19	L35	8.3 Circles in Euclidean geometry	
Mon Apr 22	L36	8.4 Circular continuity; 8.5 Circumference and area of Euclidean circles	H9,Q9
Wed Apr 24	L37	8.6 Exploring Euclidean circles	
Fri Apr 26	L38	8.6 Exploring Euclidean circles	
Fri May 3		**Final Exam FX 3:10pm - 5:10pm**	FX

Section	Suggested Exercises (Red Exercises are Assigned to be turned in.)															Assigned HW (Red Exercises)
2.4	**2**	3	**4**	5	**6**	**7**	8	10	**11**	12	13					H1 Due Fri Jan 26
2.5	**1**	**2**	**3**	4	5	6	7	9	10	**11**	**12**	**13**	14	15	16	
2.6	1	**2**	**3**	**4**	5	6	7	8								
3.2	1	**5**	**7**	9	10	**12**	**15**	16	**17**	18	21	**23**				H2 Due FriFeb 2
3.3	**1**	**2**	4	**5**												H3 Due Fri Feb 9
3.4	**1**															
3.5	1	**2**	3	4	**5**											
3.6	1	2														Material on X1 Feb 16
3.7	1	2														
4.1	**1**															H4 Due Fri Feb 23
4.2	**1**	2	**4**	**5**												
4.3	**1**	**2**	3	4	6	**7**	**8**	9								H5 due Fri Mar 1
4.4	1	**2**	3													
4.5	**1**	**2**														H6 due Fri Mar 8
4.6	**1**	**6**	8	**10**	11											
4.7	**1**	2	3	**6**												
4.8	1	2	3	4	5	6	7									Material on X2 Mar 23
5.1	1	2	**3**	4	**5**	6	7	8								H7 Due Fri Mar 29
5.3	**1**	**2**	3	4												
5.4	**1**	2	3	4	**5**											
5.5	**1**	2	3	**4**	**6**	**7**										H8 due Fri Apr 5
5.6	**1**	2	**4**	**5**	6	7	12									
7.1	1	2	3													Material on X3 Apr 12
7.2	1	2	3	4	5	8	9									
8.1	**1**	**2**	3	**5**	6	**7**										H9 due Mon Apr 22
8.2	1	2	**3**													
8.3	1	5	**6**	**7**	**8**											
8.4	1	3														Material on FX Fri May 3
8.5	1	2	5													
8.6	7															