

<b>Course:</b>	<b>Ohio University MATH 3110 College Geometry</b>
<b>Section:</b>	2013 - 2014 Fall Semester Section 100, Course #8597 (Barsamian)
<b>Instructor:</b>	Mark Barsamian, phone (740) 593-1273, email <Mark.Barsamian.1@ohio.edu>
<b>Office:</b>	Morton Hall Room 538, office hours Monday - Friday 9:30am - 10:30am
<b>Textbook:</b>	Introduction to Axiomatic Geometry, by Mark Barsamian (See Course Web Page for Details)
<b>Web Page:</b>	<a href="http://www.ohio.edu/people/barsamia/2013-14.1.3110">http://www.ohio.edu/people/barsamia/2013-14.1.3110</a>
<b>Special Needs:</b>	If you have a physical, psychiatric, or learning disability that requires accommodation, please let me know as soon as possible so that your needs may be appropriately met.

**Grading:** During the semester, you will accumulate points:

Quizzes (best 8 of 10 quizzes, 20 points each):	160 points possible
In-Class Exams (best 3 of 4 exams, 180 points each):	540 points possible
Cumulative Final Exam:	300 points possible
<b>Total:</b>	<b>1000 points possible</b>

At the end of the semester, your Total will be converted to your Course Grade:

Your Total	Your Percentage	Your Course Grade	Interpretation
900 - 1000	90% - 100%	A	You mastered all concepts, with no significant gaps
850 - 899	85% - 89.9%	A-	
800 - 849	80% - 84.9%	B+	You mastered all essential concepts and many advanced concepts, but have some significant gaps.
750 - 799	75% - 79.9%	B	
700 - 749	70% - 74.9%	B-	
650 - 699	65% - 69.9%	C+	You mastered most essential concepts and some advanced concepts, but have many significant gaps.
600 - 649	60% - 64.9%	C	
550 - 599	55% - 59.9%	C-	
400 - 549	40% - 54.9%	D	You mastered some essential concepts.
0 - 399	0% - 39.9%	F	You did not master essential concepts.

**Course Structure:** One learns math primarily by trying to solve problems. This course is designed to provide structure for you as you learn to solve problems, and to test how well you have learned to solve them. This structure is provided in the following ways.

- **Exercises:** The goal of the course is for you to be able to solve all of the exercises in the textbook. These exercises are not to be turned in and are not graded, but you should do as many of them as possible and keep your solutions in a notebook for study.
- **Textbook Readings:** To succeed in the course, you will need to read the textbook. Some material for the course will be presented in the textbook and not in lectures.
- **Lectures:** We have 37 lectures, totaling 2035 minutes. It is not possible to cover the entire content of the course in 2035 minutes, and the lectures are not meant to do that. Lectures are meant to be a supplement to your reading the textbook and working on exercises. Again, some material for the course will be presented in the textbook and not in lectures.
- **Quizzes and Exams:** Quiz and exam problems will be based on textbook exercises.

**Attendance:** Attendance is required for all lectures and exams. We have a total of 41 class meetings. **If you miss more than 9 class meetings, your course grade will be an F.** That includes, sick days, University Activity days, Professional Activity days, personal or family emergency days, and days that you simply skipped class. If you miss a class for any reason, it is your responsibility to copy someone's notes and study them. I will not use office hours to teach topics discussed in class to students who were absent.

**Missing Quizzes or Exams Because of Illness:** If you are too sick to take a quiz or exam, then you must

- (1) send me an e-mail before the quiz or exam, telling me that you are going to miss it because of illness,
- (2) then go to the Hudson Student Health Center.
- (3) Later, you will need to bring me documentation from Hudson showing that you were treated there.

Without those three things, you will not be given a make-up.

**Missing Quizzes or Exams Because of University Activity or Professional Activity:** You must contact me in advance to discuss arrangements for a make-up. I will need to see documentation of your activity. If you miss a quiz or an exam because of an activity without advance discussion of it, you will not be given a make-up

Week	Date	Class topics
1	Mon Aug 26	Start Chapter 1: Axiom Systems
	Wed Aug 28	
	Fri Aug 30	(Quiz 1)
2	Mon Sep 2	Holiday: No Class
	Wed Sep 4	Start Chapter 2: Axiomatic Geometries
	Fri Sep 6	(Quiz 2)
3	Mon Sep 9	
	Wed Sep 11	Start Chapter 3: Neutral Geometry I: Axioms of Incidence and Distance
	Fri Sep 13	(Quiz 3)
4	Mon Sep 16	
	Wed Sep 18	Leftovers and Review
	Fri Sep 20	In-Class Exam 1 on Chapters 1, 2, 3
5	Mon Sep 23	Start Chapter 4: Neutral Geometry II: Axioms of Incidence and Distance
	Wed Sep 25	
	Fri Sep 27	Start Chapter 5: Neutral Geometry III: The Separation Axiom (Quiz 4)
6	Mon Sep 30	
	Wed Oct 2	
	Fri Oct 4	Start Chapter 6: Neutral Geometry IV: Angle Measurement (Quiz 5)
7	Mon Oct 7	
	Wed Oct 9	Leftovers and Review
	Fri Oct 11	In-Class Exam 2 on Chapters 4, 5, 6
8	Mon Oct 14	Start Chapter 7: Neutral Geometry V: The Axiom of Triangle Congruence
	Wed Oct 16	
	Fri Oct 18	(Quiz 6)
9	Mon Oct 21	
	Wed Oct 23	Start Chapter 8: Neutral Geometry VI: Circles
	Fri Oct 25	(Quiz 7)
10	Mon Oct 28	Leftovers and Review
	Wed Oct 30	In-Class Exam 3 on Chapters 7, 8
	Fri Nov 1	Start Chapter 9 Euclidean Geometry I: Triangles
11	Mon Nov 4	
	Wed Nov 6	
	Fri Nov 8	Start Chapter 10 Euclidean Geometry II: Similarity (Quiz 8)
12	Mon Nov 11	Holiday: No Class
	Wed Nov 13	
	Fri Nov 15	
13	Mon Nov 18	Start Chapter 11 Euclidean Geometry III: Area (Quiz 9)
	Wed Nov 20	
	Fri Nov 22	Leftovers and Review
14	Mon Nov 25	Exam 4 on Chapters 9, 10, 11
	Wed Nov 27	Holiday: No Class
	Fri Nov 29	Holiday: No Class
15	Mon Dec 2	Start Chapter 12 Euclidean Geometry IV: Circles
	Wed Dec 4	(Quiz 10)
	Fri Dec 6	Leftovers and Review
16	Fri Dec 13	Cumulative Final Exam 10:10am – 12:10pm in Morton 326