

Instructor: Diane Mathios

Office: S33N

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Office Hrs: M-Th 10:30-11:20

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**Students enrolled in this class must also enroll in Math 249A. These courses are linked. If you drop either of them, you must also drop the other.**

**Text and Related Materials:**

- Larson, Hostetler, **Precalculus with Limits**. Houghton-Mifflin, 2007
- Eduspace Access Code. **Make sure you buy the software access code with the book. If you have a used book, you may purchase an access code for the software online (about \$30)**
- Graphing Calculator – TI83+, TI84+ or TI86 recommended
- (Optional) earphones to listen to video tutorials in the lab

**Attendance:** Students are expected to attend all class sessions and be on time to class. Any student who has accumulated the equivalent of five absences may be dropped from the class. However, it is the student's responsibility to drop the class by the appropriate due date.

**Homework:** Homework will be collected on a weekly basis and is worth 10 points. Homework is due at the beginning of class (1<sup>st</sup> 5 minutes) on the due date. Every student, only once during the quarter, may turn in their homework up to 24 hours late. Other than that, no late homework will be accepted for any reason. At the end of the quarter, your lowest homework score will be dropped.

**Project, Labs and Group Assignments:** A group project (50 pts) and activities/labs will be assigned. These will need to be completed outside of class time. They are due in the first 5 minutes of class on the due date. **No late papers will be accepted for any reason.**

**Quizzes:** Quiz dates are outlined on the calendar. Your lowest quiz score will be dropped at the end of the quarter. **No make ups will be given for any reason.** If you know that you will be absent, see me about taking the quiz earlier than scheduled.

**Exams:** 3 exams will be given. **No make ups will be given for any reason.** If you know that you will be absent, see me about taking the exam earlier than scheduled.

**Final Exam:** A two-hour comprehensive exam will be given. **The final exam must be taken at the time indicated on the greensheet. No early exams will be given for any reason.** The final exam percent will replace your lowest exam score, if your final exam score is higher.

**Grades:** Final grades will be assigned as follows:

Exams (3)	300 pts	Quizzes (6)	150 pts
Project/Activities	100 pts	Homework (10)	100 pts
Final Exam	150 pts		

**Grade Scale**

		A	90 – 100%	A -	89.5 – 89.9
B+	89.0 – 89.4	B	80 - 88.9%	B -	79.5 – 79.9
C+	79.0 – 79.4	C	69.5 – 78.9		
		D	59.5 – 69.4		
		F	0 – 59.4		

**Homework Assignments – Math 49A 4 day  
Winter 2009**

The due dates for homework are as noted. See the greensheet for my policy on late homework. Make sure you submit complete, neatly written solutions for all assigned homework. Answers alone are not acceptable. A small amount of time will be reserved at the beginning of most class to discuss solutions to the homework problems. I am always available during office hours to help with any of the problems assigned. I also encourage students to form study groups (check out the Tutorial Center in E46) to work on their homework. Also, use the tutorial software and SmartThinking tutorial service.

<b>Section</b>	<b>Page</b>	<b>Homework Problems</b>
<b>Assignment 1</b>		
		<b>Due Thurs Jan 8</b>
		<b>Quiz Tues Jan 13</b>
1.3	34	#11,15,17,21,25,41,45,51,59,61,96,110,113,117
1.4	48	#3,5,9,13,17,23,25,29,33,37,57,61,65,69,79, 94, 99
<b>Assignment 2</b>		
		<b>Due Thurs Jan 15</b>
		<b>Quiz Wed Jan 21</b>
1.5	61	#1,5,9,13,17,21,25,29,33,37,49,53, 71,73,75
1.7	79	#5abd, 7ace (diagram top of next page) ,9ab, 11abcd, 13, 15, 17, 19abc, 25abc, 29abc, 33abc, 37abc, 43, 47, 49 <b>use graph paper for graphs</b>
<b>Assignment 3</b>		
		<b>Due Thurs Jan 22</b>
		<b>Exam Tues Jan 27 Ch 1</b>
1.6	71	#29 – 35 odd, 43, 45, 49 , 65 <b>use graph paper for graphs</b>
1.8a	89	#1,3,5,9,13,17,19,21,43,55,59
1.10	109	#39,41,43,47,55,57,59,61,63,65,67
<b>Assignment 4</b>		
		<b>Due Thurs Jan 29</b>
		<b>Quiz Tues Feb 3</b>
2.1	134	#1 – 7 odd, 13, 17, 21, 25,43,47,51,55,59,63,75,83
2.2	148	#1 – 7 odd, 9abd, 11abcd, 13 – 21 odd, 27, 31, 35, 39, 57, 61, 65, 91abcd
<b>Assignment 5</b>		
		<b>Due Thurs Feb 5</b>
		<b>Quiz Tues Feb 10</b>
2.3	159	#5,9,13,19,23,27,31
2.4	167	#5,9,13,17,21,25,29,33,37,41,45,49,51,65, 75, 77
2.5	179	#1,5,7,13,17,21,25,29, 37, 41, 43, 47, 51, 57, 61, 65, 69
<b>Assignment 6</b>		
		<b>Due Thurs Feb 12</b>
		<b>Exam Ch 2 Wed Feb 18</b>
2.6	193	#5,9,13,17,21,25,29,33,37,41,45, 51, 59,73,75
2.7	204	#3, 9,13,17,21,25, 37, 41, 47
<b>Assignment 7</b>		
		<b>Due Thurs Feb 19</b>
		<b>Quiz Tues Feb 24</b>
1.8b	89	#31, 33, 35, 37, 39, 41, 45, 47, 51, 65,67,68
1.9	99	#9,11,13,17,21,29,31,39,43,47,51,80,81
<b>Assignment 8</b>		
		<b>Due Thurs Feb 26</b>
		<b>Quiz Tues Mar 3</b>
3.1	226	#7 – 10 all, 17, 27, 31, 45,49,55,57,61,65,67
3.2	236	#1,5,9,13,17,21,25,29,33,41,45,49,53,57,61,65,69,73,77,81,85
3.3	243	#1,5,9,13,17,21,25,29,33,37,41,45,49,53,57,61,65,69,73,77
<b>Assignment 9</b>		
		<b>Due Thurs Mar 5</b>
		<b>Exam Ch 3 Tues Mar 10</b>
3.4	253	#25,29,33,37,41,45,49,53,57,61,75,79,83,87,91,95,99
3.5	264	#7,11,25 plus worksheet
<b>Assignment 10</b>		
		<b>Due Thurs Mar 12</b>
		<b>Quiz Tues Mar 17</b>
1.1	9	#27,31 – 39 odd, 47
1.2	22	#57 – 69 odd
10.1	732	#1 – 29 odd
<b>Assignment 11</b>		
		<b>Thurs Mar 19</b>
		<b>No quiz</b>
10.2	740	#5,7,9,11,15,19,23,31,35,45,49
10.3	750	#1,5,9,13,17,21,25,29,37,39,43,47
<b>The following problems will not be collected, but the material will be on the final exam. You should do all of the problems in preparation for the final</b>		
10.4	760	#1 – 29 odd, 45 – 59 odd
10.5	769	#7,33 – 39 (part a only)

This is a companion course to Math 49A. The class will offer additional practice using online software and collaborative group activities.

**Class time:** Tuesday – Thursday 12:30 – 1:20 p.m.

**Attendance:** Students are expected to attend all class sessions and be on time to class. Any student who has accumulated the equivalent of three absences may be dropped from the class. However, it is the student's responsibility to drop the class by the appropriate due date. **If you are dropped from Math 249A, you will also be dropped from Math 49A.**

**Computer Assignments:** Exercises will be assigned on lab days to be completed during lab time. Some assignments will review prerequisite algebra skills, while others will give practice solving precalculus problems. Each lab assignment is worth 5 points. At the end of the quarter your lowest computer lab score will be dropped.

**Collaborative Group Assignments:** Additional group assignments will be given on Wednesdays. These group assignments will be 5 points each and graded based on satisfactory completion. At the end of the quarter, one assignment will be dropped.

**Grades:** Grades will be assigned as follows:

Computer Assignments (20)	100 pts
Group Assignments (10)	50 pts

		Grade Scale	
B+	89.0 – 89.4	A	90 – 100%
C+	79.0 – 79.4	B	80 - 88.9%
		C	69.5 – 78.9
		D	59.5 – 69.4
		F	0 – 59.4
		A -	89.5 – 89.9
		B -	79.5 – 79.9