

Summer 2014 Math 150 Precalculus

Instructor: Raji J. Baradwaj

Time: MWTh 9:00 – 11:05 P.M. in MP 103

Discussions: MTh 11:15 – 12:15 MP 103

Office: MP 430 **Phone:** 410-455-2403 or 410-455-2412(Math. Office)

Office hours: By appointment

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Pre-requisite: Math 106 or a suitable score in the placement test.

Text: Precalculus by Stewart, Redlin, Watson, 6th Edition along with WEBASSIGN, an online homework program. **WEBASSIGN can be bought separately online also!!** ***WEBASSIGN HOMEWORK: You will need a personal Webassign code. This code comes bundled with a new text or can be purchased separately online at the publishers at Webassign.com or in the book store. If the enhanced code is purchased, an e-book is already included on-line and students can decide if they want the hard copy as well as the text on-line.***

Chapters to be covered:

1.7, 1.8, 1.10, Ch 2, 3.1-3.3, 3.7, Ch 4, 5.1 – 5.5, Ch 6, 7.1-7.5, 8.1, 11.1-11.4, 12.1 – 12.3.

Homework: HW problems will be done online in a program called WEBASSIGN. You will have to buy an access code (either online or in the bookstore) for WEBASSIGN. The students are required to work out the problems assigned and ask the TA (during the discussion session) for help if needed.
No Extension on HW.

Quiz 0: Quiz 0 is a MANDATORY, proctored quiz to be taken on the first discussion session of summer classes in the computer lab. You will receive an email about the room number and the timing. Quiz 0 covers the pre requisite material, namely Math 106 concepts (Chapter 1, 2). Doing poorly on Quiz Zero should be an indication of a need to further prepare for this class. Don't forget to bring scratch papers and pencils. Take this quiz 0 seriously since it is counted towards your final grade. This is a non droppable quiz.

Quizzes: There will be **6 quizzes** worth 25 points each and will be administered in the discussion session. Check the schedule for the quiz dates. The lowest quiz score will be dropped. **NO MAKE UP QUIZ!!!**

Exams: There will be **a midterm exam and a Final Exam** worth 100 and 150 points respectively.

Attendance: Students are expected to attend every class. The students are responsible for any material covered, announcements made in the class, and changes in the schedule regardless of their attendance.

Make-up Policy: A make up test will be given only when documented evidence of an emergency situation that caused you to miss the test is provided. **THE STUDENT HAS TO NOTIFY THE TEACHER PRIOR TO THE TIME OF THE TEST IF HE OR SHE IS GOING TO MISS THE TEST.** Make up test will be different from the original test.

GRADING:	6 quizzes worth 25 points each	150 points
	HW(WEBASSIGN)	100 points
	Midterm Exam	100 points
	Final Exam	<u>150</u> points
	Total	500 points

90% and above	A	80% - 89%	B
70% - 79%	C	60% - 69%	D
59% and below	F		

ACADEMIC HONESTY: By enrolling in this course, each student is responsible for taking active part in the class discussions and follows the highest standards of honesty. Cheating, plagiarism and helping others to commit these acts are all forms of Academic dishonesty. These misconducts could result in disciplinary action. Please refer to the Student Handbook regarding Academic Conduct Policy. If a person is caught taking part in any of the above mentioned acts during a quiz or test, zero points will be awarded for that quiz or test.

NOTE: NO CALCULATORS ALLOWED IN THIS COURSE. PLEASE BRING ID TO ALL QUIZZES AND EXAMS

FINAL EXAM: July 3, 2014

Dates to remember:

Quiz 0 – May 29

QZ1 – June 2

QZ2 – June 5

QZ 3 – June 12

MID TERM – June 16 in lecture

QZ4 – June 19

QZ5 – June 26

QZ6 – June 30

Learning Goals: The learning plan divides activities in three parts -- before, during, and after class --, which apply to every covered section of the textbook:

- Before class:
 - Study the section in the textbook, and taking into account any announcements in class, in blackboard, or by e-mail specifically for this section. .

Before you arrive in class, you should have an overview of the material in the section, have read and/or seen several examples for its use, and be ready to attempt the homework problems under the guidance of the instructor.

- During class:
 - Follow the lecture which highlights the material and puts it into context.
 - Participate actively in class and try to work out problems at the end of class.

By the end of class, you should have obtained answers to your questions and have an idea of how to approach the homework.

- After class:
 - Work all assigned homework problems. It may be helpful to re-view some of the worked examples in class at this point.
 - If questions arise, review the textbook, notes from class, and examples in textbook

With the shift of work towards preparing more intensively for class as opposed to seeing material for the first time in class, the activities after class should consist mainly of putting all the pieces together. Moreover, the tightly spaced and integrated work before, during, and after class should make the preparation for the tests short and effective.

Math Gym:

Location and Hours: Monday through Thursday 1 to 3 pm. Location will be announced soon.

The Math Gym is a place where you can go to "work out" your mathematical skills.

There will be trainers there to assist you in developing the skills which you need to strengthen in order to succeed in your math class. Math Gym is a first-come first-serve, walk-in service (you do not need to make an appointment).

You can use the Math Gym in two key ways to help improve your grade during the semester:

1. Quiz zero remediation: Quiz zero is a NONDROPPABLE quiz, so it behooves you get the best possible grade. You can go to the Math Gym to complete problem sets that address the specific problems you got wrong on Quiz zero, and make up the points you missed. It is possible for you to get 100% (20/20) on Quiz zero by going to the Math Gym, regardless of your initial score. The deadline for Quiz zero remediation is June 12, 2014
2. Extra quiz credit: You can complete problem sets at the Math Gym to earn extra credit for your quiz grade. Each problem set is worth $\frac{1}{2}$ point and you can earn up to 18 points.

Summer 2014			
		Lecture - M, W, and TH 9 - 11:05 MP 103	Sec 02 - MP 103 - M TH 11:15 - 12:15
Summer 2014	Math 150/01	Schedule	
Week	Date	Lecture	Discussion
Week 1	5/28/2014 - Wed	Syllabus and 1.7, 1.8, 1.10	
	5/29/2014 - Thu	2.1 - 2.5	Sec 1.7, 1.8, 1.10, 2.1, 2.2
	6/2/2014 - Mon	2.6 - 2.7	Quiz 1 - Sec 1.7, 1.8, 1.10, 2.1, 2.2, 2.3
Week 2	6/4/2014 - Wed	3.1, 3.2	
	6/5/2014 - Thu	3.3, 3.7, 4.1	Quiz 2 - Sec 2.4 - 2.7
	6/9/2014 - Mon	4.2, 4.3	Sec 3.1 - 3.3, 3.7
Week 3	6/11/2014 - Wed	4.4 - 4.6	
	6/12/2014 - Thu	5.1, 5.2, 6.1, 6.3	Quiz 3 - Sec 3.1- 3.3, 3.7, 4.1 - 4.2
	6/16/2014 - Mon	MID EXAM - Upto sec 4.6 and sec 5.3 will be covered	Sec 5.1, 5.2, 6.1, 6.3
Week 4	6/18/2014 - Wed	5.4, 5.5	
	6/19/2014 - Thu	6.4, 6.2, 6.5, 6.6	Quiz 4 - Sec 5.1 - 5.3, 6.1, 6.3
	6/23/2014 - Mon	7.2, 7.3	Quiz 5 - Sec 5.4, 5.5, 6.4
Week 5	6/25/2014 - Wed	7.4, 7.5, 8.1	
	6/26/2014 - Thu	11.1 - 11.4	Quiz 6 - Sec 6.2, 6.5, 6.6
	6/30/2014 - Mon	12.1 - 12.3, Review of trig	Quiz 7 - 7.1 - 7.5
Week 6	7/2/2014 - Wed	Review	
	7/3/2014 - Thu	FINAL EXAM	