

MATH 105: Pre-Calculus

Fall 2017

Syllabus

Instructor: Prof Kumnit Nong
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Office Hour: M 3:30-4:30 Appointment W 3:30-4:30

Textbook: Precalculus by Sullivan ISBN : : 9781323137970 (NO online Access Code required)

Prerequisite : You must have either passed the Math Placement Exam or completed the Self-paced Algebra Tutorial no later than Tuesday, September 6th in order to add the course.

Contents: Generally, Chapters 1-7 in the textbook, including: Algebra review, Functions, Polynomials, Exponential and Logarithmic Functions, and Trigonometry. The pace of the course is very fast. A comfortable working knowledge of virtually all Appendix A material is assumed. The demands of the course will require a serious time commitment, in terms of both class attendance and homework time outside of class. Calculators Because this course is designed as preparation for the Calculus 113-114 sequence, one of its primary goals is to help students acquire competence with basic algebraic and functional concepts and relationships. Accordingly, we will use calculators sparingly. I encourage you to attempt all homework problems without calculators, though some questions may require one. With rare exceptions, use of calculators will not be permitted during tests or the final exam. In the event that calculators are permitted, absolutely no sharing of calculators is allowed.

Grading Policy:

- Homework will be collected on exam day(15%)
- Two in class exams (50% total) and Final exam (35%) : No make up exam under any circumstance. If you missed any quizzes or exams, you must get approval from instructor . It is up to instructor's decision to approve case by case scenario.

GMU Honor Code is in effect at all times

Grading scale : A+ = 98+, A = 90-97, B+ = 87—89, B = 80- 86,
C+ = 78- 79, C = 70-77, D = 60-69, F = 59 or below

Honor Code : **THIS IS IMPORTANT.** It is expected that each student in this class will conduct himself or herself within the guidelines of the Honor Code. Among other things, this means that sharing information of any kind about exams or quizzes (either before or during the exam) will result, at a minimum, in a grade of zero for all parties involved. All work must be your own and submitted by you as the student registered for the class. The right is reserved to check a picture identification during any of the exams. Internet capable devices and other electronics are not allowed to be used or within your sight during exams. This includes but is not limited to calculators, computers, cell phones, tablets and smart watches. Any of these must be turned off

and put away BEFORE an exam or quiz starts. Calculators may be used on the homework if necessary. See academicintegrity.gmu.edu for a copy of the Honor Code.

Cell Phones and Computers: I expect to receive the same level of respect that I give to you. This means that cell phones and computers are not to be used during class. Your cell phone (or any internet capable device) should be on silent or vibrate during lecture and I should not see them at all during tests or quizzes. If I notice you have a cell phone (or any internet capable device) in your line of sight during a test or quiz then I will assume that it is an Honor Code violation and take appropriate action. This could result in you failing the assignment, failing the class or being suspended from the university.

Accommodations: If you are a student with a disability and you need academic accommodations, please see me and contact the office of Disability Services. All academic accommodations must be arranged through that office. Office of Disability Services Student Union Building I (SUBI), Room 4205 Phone: 703.993.2474

Unscheduled and Late Closings Policy: If the university has an unscheduled closing-because of weather or some other unforeseen occurrence you should assume that we will pick up with the schedule where we left off. In particular, if a test was scheduled for a day in which school was canceled or an assignment was due that day you should assume that the test will be given or the assignment will be collected the next time class meets. If the university has a late opening on a class day we will begin class at the time the university opens. A test scheduled for a day the university opens late will be postponed until

Final remarks: This class requires a lot of time to do all the necessary work. If you do not have the time, you are strongly urged to take this class some other semester. Obtaining Help There are many outlets available for you to get help in this class. I understand that the pace of the class is very quick so I will try to be available as much as I can to students. In addition to my set weekly office hours, I am very happy to schedule appointments. The Math Tutoring Center, is in the Johnson Center room 344 and free tutoring to Math 105 students. I highly recommend using it. The schedule of the tutoring center can be found at

<http://math.gmu.edu/tutorcenter.htm>.

Homework
(Mul) means multiple of 3

Sections	Homework	Sections	Homework
1.1	15 – 81 (Mul)	3.4	13 – 53 (Odd)
1.2	1—27 (Odd)	3.5	7 – 55 (Odd)
1.3	11-- 20 (All); 21 – 60(Mul)	3.6	6 – 48 (Mul)
1.4	9 – 43 (Odd)		EXAM 1
1.5	9-- 66 (Mul)	5.1	11 – 85 (Mul)
1.6	5-- 23 (Odd)	5.2	15 – 102 (Mul)
1.7	Optional	5.3	12 – 85 (Mul)
2.1	13 – 41(Odd)	5.4	11 – 71 (Odd)
2.2	11 – 19 (Odd)	5.5	7 – 39 (Odd)
2.3	12 – 99 (Mul)	5.6	1 – 27 (Odd)
2.4	12 – 69 (Mul)	6.1	13 – 65 (Odd)
2.5	1 – 31 (Odd)	6.2	9 – 63 (Mul)
2.6	1 – 15 (All)	6.3	11 – 77 (Odd)
2.7	9 – 33 (Odd)	6.4	9 – 90 (Mul)
2.8	9 – 60 (Mul)	6.5	12 – 81 (Mul)
3.1	15 – 102 (Mul)	6.6	9 – 75 (Mul)
3.2	12 – 90 (Mul)	6.7	1 – 33 (Odd)
3.3	7 – 39 (Odd)		EXAM 2

7.1	9 – 41 (Odd)	4.4	9 – 99 (Mul)
7.2	9 – 45 (Odd)	4.5	3 – 66 (Mul)
7.3	9 – 31 (Odd)	4.6	6 – 75 (Mul)
7.4	5 – 23 (Odd)	4.7	7 – 27 (Odd)
7.5	13 – 31 (Odd)	4.8	1 – 17 (Odd)
4.1	3 – 60 (Mul)		
4.2	12 – 65 (Mul)		
4.3	15 – 82 (Mul)		