

# MATH 113: Analytic Geometry and Calculus I Spring 2022

## Syllabus MATH113-002

Instructor: Prof Kumnit Nong Office: Virtual Meeting

Phone: **202 – 743- 0066 (call or text)**

Email: **knong@gmu.edu (Subject Line: MATH 113)**

Class time: Tuesday and Thursday 8:30AM – 10:20AM

Classroom: Nguyen Engineering Building RM 1101

Office Hours: Tuesday and Thursday 10:30AM – 11:30AM

Appointment: Monday 2:30 PM – 3:30 PM

Recitation: MATH 113 section 304 and 305

**Prerequisite :** C or better in MATH105 or pass a Math Placement test

**Textbook:** Thomas' Calculus: Early Transcendentals (14th Edition) By Hass

Content Ch 1.1-1.6 (Precalculus Review), 2.1-2.6, 3.1-3.10, 4.1-4.8 and 5.1-5.6

### **Grading Policy:**

- Everyone **MUST** have a way to scan work into PDF file format for submission to Blackboard.
- Homework (**10%**)
- Recitation Quizzes (see recitation syllabus for detail) (**20%**)
- Two exams (**20% each**)
- Final exam (**30%**).
- Homework listed below, you must show all necessary work, scan , and submit on blackboard in PDF file format. Completing the homework assignment is the bare minimum of work you should be doing outside of class. Additional problems are available for those who would like extra practice.
- ALL Exams will be in class. You **MUST** show all work to receive credits for each exam questions. **If you do not show work, you do not earn credit.**
- If you missed any exams, you must get approval from instructor. Any medical/special circumstances must be notified ahead of time for make-up exam approval. Documentation is required. It is up to instructor's decision to approve case by case scenario.

**GMU Honor Code is in effect at all times**

**Final Exam THURSDAY MAY 12, 2022 @ 7:30AM**

**Grading scale:** A+ = 99+, A = 90-98.9, B+ = 87—89.9, B = 80- 86.9,  
C+ = 78- 79.9, C = 70-77.9, D = 60-69.9, F = 59.9 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](http://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.

**Tutoring Center:** The Mathematics Tutoring Center is located in the Johnson Center room 344. Please see the website for hours of operation. <http://math.gmu.edu/tutor-center.php>

**Safe Return Policy:** All students must follow all safe return procedures. Please visit <https://www.gmu.edu/safe-return-campus>

### Homework Listing

Chapter- Sections	Problems
1.1	1-61 odd
1.2	1- 63 odd
1.3	5 – 57 odd
1.4	1- 15 all
1.5	1 – 27 odd
1.6	7 – 53 odd
2.1	1, 2, 3, 7, 8
2.2	1 – 52 odd
2.3	7, 8, 9, 15, 16, 37, 38
2.4	1- 19 odd
2.5	1 – 35 off 47, 49 , 50
2.6	3 – 49 odd
3.1	5 – 21 odd
3.2	1 – 15 odd
3.3	1- 55 all
3.4	1, 8, 9
3.5	1 – 44 all
3.6	1 – 83 odd
3.7	1- 25 odd EXAM 1
3.8	11 – 59 odd
3.9	13 – 39 odd
3.10	1, 2, 5, 10, 14, 17, 23
4.1	1- 51 odd
4.2	1- 12 all
4.3	1 – 61 odd
4.4	1 – 71 odd
4.5	1 – 55 odd
4.6	1- 23 all
5.1	1 – 8 all
5.2	2, 8, 11, 17, 37, 38, 39, 43, 44, 49
5.3	9 -63 odd EXAM 2
5.4	1- 63 odd
5.5	1 – 65 odd
5.6	1 – 65 odd

**CH 2- CH 5 Final Exam THURSDAY MAY 12, 2022**

**@ 7:30AM**