

# MATH 113: Analytic Geometry and Calculus I

## Fall 2017

### Syllabus

Instructor: Prof Kumnit Nong

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CRN 71152

Time TR 7:20pm-9:10pm

Room Robinson Hall RB 104

Homepage: [blogs.nvcc.edu/knong/math113](http://blogs.nvcc.edu/knong/math113)

Office Hour: M 4:30-5:20 Appointment W 4:30-5:20

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

**Textbook:** Briggs, Cochran, Calculus: Early Transcendentals, Addison-Wesley, 2011.  
Cover Chapter 1-5 and 6.1-6.2

**Recitations:** There is a recitation each Thursday. CRNs: 71817 , 71818, 71819 with TA: **David Rice**

#### Grading Policy:

- Homework will not be collected, but you expected to do it all to be successful
- Pop-quizzes during recitations (25%). See TA syllabus for detail policy.
- Three Computer Projects (15%) using Matlab, Freemat.
- Midterm (25% each) 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](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. The Math Tutoring Center, is in the Johnson Center room 344.

### Homework

Do all odd. If needed, continue on even.

Sections	Homework	Sections	Homework
1.1	1--59	3.8	9-- 21, 29-- 55
1.2	1--47	3.9	1-- 55
1.3	1--57	3.10	1-- 31
1.4	1--83	4.1	1-- 59
2.1	1--22 all	4.2	11-- 61, 77, 78 , 79
2.2	1--37	4.3	1-- 47, 55, 57, 61
2.3	1—49 , 55-69	4.4	5—9 all11-17 all,34, 37
2.4	1-- 43	4.5	7-- 43
2.5	1 – 53	4.6	1-- 31
2.6	1 – 69	4.7	1-- 59, 65-- 75
2.7	1 – 55	4.8	1-- 53, 69-- 79
3.1	1-- 45	5.1	9-- 25, 31-- 43
3.2	1-- 59, 71, 73, 75	5.2	11-- 49, 61-- 71
3.3	1-- 61	5.3	11-- 55
3.4	1-- 55, 67	5.4	7-- 35, 47-- 55
3.5	11-- 18 all, 25, 29, 31-34 all	5.5	9-- 67
3.6	1-- 45, 49-- 61	6.1	7-- 37
3.7	5-- 45, 51, 55, 67, 68	6.2	5-- 49