

MATH 214 : Elementary Differential Equations

Spring 2019

Syllabus

Instructor: Prof Kumnit Nong

Office: Exploratory Hall 4309

Phone: 703- 764 – 5027

Email: knong@gmu.edu

Lecture : CRN 21805

Time TR 7:30AM - 8:45AM

Room DK1006

Recitation: CRN 21809/21820/21830

Office Hours: Monday 4:20pm – 5:20pm

Appt Hours: Wednesday 4:20pm – 5:20pm

Prerequisite : C or better in MATH213 or pass a Math Placement test

Textbook: Boyce and DiPrima, Elementary Differential Equations 11th Edition.
ISBN 9781119169741

Grading Policy:

- **Homework will be collected each exam date (10%)**
- **Recitation Quizzes (20%)**
- Two examinations **(40%)** and Final exam **(30%)** : No make up exam under any circumstance.
- If you missed any 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.

Homework (= optional)**

Sections	Homework	Sections	Homework
1.1	1,2,4,5,7,8,11,13,29	3.7	** 1—4 all, 7, 15
1.2	3—9 all, 13, 15	3.8	** 1—8 all
1.3	1—27 odd	4.1	1—16 all
2.1	1, 2, 3, 13—20 all	4.2	11—20 all, 29, 30
2.2	1-- 15 all	4.3	1—7 odd, 13—18 all
2.3	** 1—11 odd	4.4	1—10 all ====> EXAM 2
2.4	1—23 odd	7.1	1—4 all, 8—11 all
2.5	** 1—5 all, 8—11 all	7.2	1—13 odd, 21—24 all
2.6	1—11 odd, 19, 25—28 all	7.3	1—9 all, 16—20 all
2.7	1—10 all	7.4	** 1—7 odd
2.8	** 1—5 all	7.5	1—18 all
2.9	1—23 odd ====> EXAM 1	7.6	1—10 all, 13, 17
3.1	1—16 all	7.7	1—12 all
3.2	1—12 all, 22,24	7.8	1—12 all
3.3	1—21 odd,	7.9	1—11 all
3.4	1—13 all	5.1	** 1, 3, 9, 11, 19, 21, 23
3.5	1—19 odd	5.2	** 1—13 odd
3.6	1—19 odd	6.1	** 1—25odd
		6.2	** 11—23 odd

FINAL EXAM MAY 14, 2019 (7:30 AM)