MATH213: Analytic Geometry and Calculus III – FALL 2021

Instructor:	Dr. Harbir Lamba
E-mail:	hlamba@gmu.edu (only email me from your official GMU email account please.)
Office:	Exploratory Hall, Room 4459 (not that I will be there much!)
Office Hours:	These may vary from week to week but I will try to make them on Fridays at 9am.
Webpage:	http://math.gmu.edu/∼harbir/m213/ .
Textbook:	Thomas' Calculus (early transcendentals) 14th edition with access to the online materials. The course will cover almost all of Chapters 12-16.

COVID-19 arrangements

Every week there will be video lectures. It is your responsibility to study these as well as reading the relevant sections in the book. The online materials that come with the book are also very helpful but you should try to attempt questions yourself first 'closed book' before using them.

The class is half/half and so we will only meet online once a week and zoom attendance is expected. The recitation classes on the other hand are in-person and attendance will be taken (your grade will be adversely affected if you do not attend often enough but I will let you know if you get close to that happening).

During classtime on Tuesdays I will go over homework questions and answer any questions about the material. You MUST have read the material and attempted the homework questions properly beforehand to get any substantial benefit from them.

The Teaching Assistant for your recitation class is Kiefer Green and he will have office hours as well.

The videos will be made available through the Blackboard course page (go to the Media Gallery) but that is pretty much all I will be using Blackboard for. Check the course webpage and your GMU email reglarly for any announcements.

EXTREMELY IMPORTANT:
While the classes are online the final exam will be in-person on Sunday December 12. At this point in time it is still unclear whether or not I can arrange for the in-class tests to be in-person or online so you must be prepared to come onto campus on September 21, October 26 and November 23 as well as the final exam on Sunday December 12 (1.30-3.30). I will let you know about the in-class tests as soon as I can. If you have any issues with this arrangement you must contact me by September 3rd at the very latest. After that time no accommodations can or will be considered.

Of course, a significant change in the COVID situation might make in-person testing impossible in which case we'll have to do the tests online...

Tests and Grading

Homework questions will be set after each section is completed. These will not be collected or graded but you are STRONGLY advised to attempt them and write out your solutions as if they would be. You are encouraged to discuss these problems amongst yourselves and to make use of my and the TA's office hours and the online materials. But you will not benefit until you have made a serious attempt by yourself beforehand. Note that the list of homework questions is the ABSOLUTE MINIMUM you should be doing each week. You should attempt as many questions as you feel you need to. Most of the odd-numbered questions have solutions in the back of the book

The course will be evaluated with 3 (online or in-person) tests during the classtimes on September 21, October 26 and November 23. Your 2 best results (relative to the class average for that test) will each contribute 25% towards the evaluation and the remaining 50% will come from a (cumulative) IN-PERSON FINAL EXAM ON SUNDAY DECEMBER 12th. I shall explain the grading system in more detail in the first lecture[1]. If you miss more than one of the classtime exams then you will need to provide very good

[1]NOTE: I DO NOT GRADE ON A CURVE. The formula I use to rank you involves the class average but the grade

(and fully-documented) reasons for missing EACH of them. There will be NO make-up tests, alternative test dates, or 'extra-credit' assignments. You are expected to abide by the University Honor Code and all suspected violations will be reported to the Honor Committee (that is especially true this semester). No outside materials will be allowed during any of the examinations. Details of the form of the exams and how they will be administered will be given nearer the time.

Additional Remarks:

1) In addition to our office hours there is still help available for this course at the Math Tutoring Centre.
2) If you are a student with a disability and you need academic accommodations, please contact the Office of Disability Resources at 703 993 2474 as soon as possible. All academic accommodations *must* be arranged through that office.
3) It is YOUR responsibility to regularly check the course webpage, Blackboard, and your official university email address for announcements.
4) Please check the course webpage or this syllabus for the answers to any questions you may have before emailing me.

boundaries are determined by absolute, not relative, performance! If you all deserve an A grade then you will all get an A grade. If you all deserve to fail then you will all fail. I only take the class average into account to cancel out any differences in the difficulty of the tests.