Calculus with Analytic Geometry, I   Professor J. Lawrence
MATH 113, section A01   Mathematical Sciences
Summer Session A, 2020   `lawrence@gmu.edu`

This course is online only, on Blackboard.

Text: *Thomas' Calculus: Early Transcendentals*, by Hass, Heil, and Weir; fourteenth edition; publ. Pearson, 2018

We will cover material from chapters 1–5 of the text. This is the first course of the standard calculus sequence. During this semester, the differential calculus of functions of one variable will be covered in some depth, and the integral calculus will be introduced, with the course culminating in the Fundamental Theorem of Calculus.

There will be a test over each of the chapters (1 - 5). The final exam is optional. It will be cumulative. Your quiz score and your scores on the tests will be averaged (with equal weights) to yield a score which will then be augmented by credit you receive for participation in Blackboard discussions, yielding your final numerical grade.

A^+ : 97-100	B^+ : 87-89	C^+ : 75-79	F : below 60
A : 93-96	B : 83-86	C : 70-74	
A^- : 90-92	B^- : 80-82	D : 60-69	

Quizzes will be given almost daily. There are no make-ups for quizzes or tests; however the lowest three quiz grades will be dropped, and if you miss a test then the comprehensive final exam, which will no longer be optional, will take its place. The five chapter tests will be on June 3, June 10, June 17, Jun 24, and July 1. The **final exam** will be on Friday, July 3.

MyMathLab: There is online software associated with the text, provided by the publisher, and some students find this software helpful. However, there is an additional charge for its use, and its use will not contribute directly to your grade in the class.

Integrity is expected. GMU's revered honor system is over 150 years old - much older than GMU itself. Here is relevant policy concerning academic integrity in this class. On tests and quizzes, your work is expected to be exactly that: your work, done without assistance. However, on homework, outside assistance or assistance from other class members is condoned. (That said, homework is most helpful to you if you try extremely hard to

work all the problems without any assistance, not even the assistance of the answers in the back of the book. Attempt all the problems in this way, and only then look in the back!)

Contact the **Office of Disability Services** if you are a student with a disability and need academic accomodations. For more information visit `http://ods.gmu.edu` .

The **Math Tutoring Center** is currently operating online. Additionally, the math department maintains a list of **tutors** for hire. For information on these and other resources, visit the Department of Mathematical Sciences web page and click on *Tutoring*, under *Resources.*