Calculus with Analytic Geometry, I
MATH 113, sections 3 and P01
Spring, 2019
MW 11:30–1:20
Exploratory Hall, room L004

Professor J. Lawrence
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Course web pages: http://math.gmu.edu/∼lawrence/m113/m113.htm.

You must also be registered for a recitation section for this course. The recitation sections (RCT 307, 308, 309) meet in Robinson B108 on Tuesdays (7:30–8:20, 8:30–9:20, 9:30–10:20). The instructor for these sections is Mathew Hasty.

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.

Required work: Two mid-term tests; homework and quizzes; work in the recitation section; the final exam.

Your final numerical **course grade** will be based on your test grades, a grade based on the quizzes in the lecture sessions, and your grade from the recitation section. These will be averaged to yield your final course grade, with the following weights: The mid-term exams—25% each; grade on quizzes from lecture sessions—10%; grade from the recitation section—10%; the final exam—30%.

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	

Tentative test dates: The mid-term tests are tentatively scheduled for February 20 and April 3 (both Wednesdays). The final exam will be on Wednesday, May 8, 10:30–1:15.

MyLab: 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, 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** (ODS: 993-2474, http://ods.gmu.edu) if you are a student with a disability and need academic accomodations.

Math Tutoring Center: Johnson Center, room 344. Additionally, the math department (Exploratory Hall, room 4400; 703-993-1460) maintains a list of **tutors** for hire. Check here (http://math.gmu.edu/help-with-math.php) for the list, tutoring center hours, and other resources.