Analytic Geometry and Calculus II

MATH 114, section 2

Spring, 2018

MW 1:30–3:20

David King Hall, room 1006

Professor J. Lawrence

Exploratory Hall, room $2^2 \times 1051$

Tele. 703-993-1466

Office hours: MW 3:30–4:00,

and by appointment

`lawrence@gmu.edu`

Course web pages: `http://math.gmu.edu/~lawrence/m114/m114.htm`

You must also be registered for a recitation section for this course. The recitation sections (551, 552, 900) meet in Thompson Hall, L004, on Tuesdays. The instructor for these sections is John Maxwell.

Text: *Calculus (Early Transcendentals)*, by Briggs, Cochran, and Gillett, second edition, publ. Pearson, 2015.

We will cover material from chapters 6 – 10 of the text. This is the second course of the standard calculus sequence. During this semester, the integral calculus of functions of one variable will be covered in some depth. We will also study analytic geometry of two and three dimensions, and convergence properties of infinite series.

Required work: Two tests; weekly quizzes; weekly homework; work in the recitation section; the final exam.

MyMathLab: There is online software associated with the text, provided by the publisher, and some students may find this software helpful. However, there is an additional charge for its use. Its use will not be a requirement.

Your final numerical **course grade** will be based on your test grades, your work in the recitation section, and your quiz grades. These will be averaged to yield your final course grade, with the following weights: first and second tests—25% each; cumulative quiz grade—10%; grade in 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 21 and April 4. The final exam will be Monday, May 14, 1:30–

4:15. Calculators and other electronic devices will not be permitted during tests. Make-up exams will not be given.

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, call ODS at 993-2474, or visit `http://ods.gmu.edu` .

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. For the list, tutoring center hours, and other resources, check here:

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`http://math.gmu.edu/help-with-math.php` .

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