

Math113: Analytic Geometry and Calculus I

Instructor: Nacir Hmidouch Office: Exploratory Hall, 4309

email: nhmidouc@gmu.edu Office hours: MW 8:40pm–9:40pm and by appointment.

Text: ext: *Thomas Calculus: Early Transcendentals, 14th Edition, by Hass, Heil, and Weir.*

Prerequisites: Sufficient recall of algebra and trigonometry and successful completion of Math Placement Test, or a grade of C or better in MATH 105.

Course Goals: To understand and be able to make use of the concepts of limits, derivatives and integrals of functions (e.g. polynomial, rational, exponential, logarithmic, trigonometric) and to understand the relationships between limits, derivatives and integrals.

MyMathLab is not required.

Material Covered: Chapter 1-5

Exams:

- Test 1 - **Thursday, Feb 28**
- Test 2 – **Thursday, March 28**
- Test 3 – **Thursday, April 25**
- **Final Exam: TBA**

Grading: Your grade for the course will be calculated based on three exams, quizzes, and a final exam. Each exam is worth 100 points, quizzes is worth 50 points, and the final exam 150 points. The sum of these grades divided by 5 will determine your final grade according to the scale: A–: 90-92, A: 93-95, A+: 96-100; B- : 80-82, B: 83-85, B+:86-89 ; C : 70 - 75, C+:76-79; D : 60 - 69; F : 0 - 59.

Make-up Exams: If you are unable to be in class on the day of a test you must notify me beforehand (in person or by-mail) to make arrangements for a make-up test. The make-up test will be different and more difficult than the in-class test.

Makeup exams will only be given to students with an acceptable excuse. All absences require documentation.

Make-up Quizzes: Makeups will not be given for quizzes. I will drop the lowest two quiz grades, including any of the quizzes which you miss.

Calculators: No calculators will be allowed.

Honor Code: Sharing information of any kind about exams is an Honor Code violation. Any violations will be referred to the Office of Academic Integrity.