Math 213 – Calculus III – Spring 2019

Dates/Times MW 9:00-10:15

Location Robinson Hall B104

Textbook *Calculus: Early Transcendentals* Briggs Cochran Gillett, 2nd edition

Instructor Matt Holzer, Exploratory Hall 4458

Email mholzer@gmu.edu

Office Hours T: 3:00-4:00, R 12:00-1:00, F 10:00-11:00 (others by appointment)

Course Description We will study multivariable calculus, i.e. integration and differentiation of functions with more than one variable. Topics include partial differentiation, multiple integrals, line and surface integrals, and three-dimensional analytic geometry.

Prerequisites Grade of C or better in MATH 114 or 116.

Teaching Assistant Michael Fagan, Office Hours TBD

Important Dates

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Thursday February 28th: Exam #1
March 11th-15th: Spring Break
Thursday April 18th: Exam #2
Thursday May 9th: Final Exam 7:30-10:15 am

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Final Exam Attendence Do not plan to leave campus before the Final Exam date. No early exams will be given.

Attendance Attendance is not an explicit requirement for this course, but as you will see below it is an implicit requirement.

Recap/Reflection Assignments Each class a comprehension assignment will be assigned. It will consist of short answer type problems as well as some problems that will be done in class. These assignments will be due the following week in recitation. These assignments will be worth one point each. The two lowest scored daily assignments will be dropped.

Weekly homework assignments After each lecture a collection of homework problems will be assigned from the textbook. In recitation section, students will be required to present these problems at the board. Successfully presenting a solution will be rewarded with five points – missing recitation, declining to participate, or making insufficient progress will result in a zero. The lowest presentation grade will be dropped.

Additional Exercises Periodically, recitation sessions will involve in class exercises, group work, or project/labs that will be graded and count towards the homework total.

Grade Your final grade will be computed giving 25% weight to homework, 20% each to the midterm exams and 35% for the final exam. Final grades will be given according to the breakdown (94 for an A, 90 for an A-, 87 for a B+, etc). I reserve the right to shift these gradelines lower, but they will not be raised.

Academic Integrity You are bound by the Mason Honor Code and its policies related to Academic Integrity. Violations will be taken seriously.

Disability Services Students may be eligible for accommodations through the Office of Disability Services

Communication All email communication is to take place through your gmu email account.