

MATH 213 Analytic Geometry and Calculus III

Section 005, CRN# 74892, TR 5:55-7:10 pm, Robinson Hall B228

Instructor: Christopher J. Paldino

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Office Hours: Tuesdays 8:35-9:35 pm (Robinson B202), and by appointment

Prerequisites: C or better in MATH-114 (Calculus II) or equivalent.

Text: *Calculus: Early Transcendentals, 2nd Edition by Briggs, Cochran, and Gillett*. Purchase of the MyMathLab access code is **optional**.

Material Covered: The chapter titles of the sections which we will cover are as follows:

Chapter 11: Vectors and Vector-Valued Functions

Chapter 12: Functions of Several Variables

Chapter 13: Multiple Integration

Chapter 14: Vector Calculus

Homework: Practice problems for material covered will be posted on the course Blackboard page. These practice problems are not to be turned in. However, your success in the course and mastery of the course material will very much depend on your understanding of the material and the amount of time/work spent in practicing the concepts and approaches presented in class lecture and in the textbook.

Grading: There will be two in-class tests which will account for 50% of the course grade. There will be a cumulative final exam which will account for 30% of the course grade. There will be no make-up exams. The recitation quizzes will account for the final remaining 20% of the course grade.

The grading scale will be: **A: 90-100%; B: 80-89%; C: 70-79%; D: 60-69%; F: below 60%**
+ or - may be attached to the grade for the upper or lower 2 points in each range.

Tutoring Center: The Math Tutoring Center is located in the Johnson Center Room 344. Help is available on a walk-in basis. For hours of operation see <http://math.gmu.edu/tutor-center.php>

University Honor Code: You are expected to follow the GMU Honor Code <http://oai.gmu.edu/the-mason-honor-code/>

Disability Statement: If you are a student with a disability and you need academic accommodations, please see me and contact the Office of Disability Resources at 703.993.2474. Academic accommodations are to be arranged through that office.

Important Dates

- September 4: Labor Day Holiday University Closed
- September 29: Final Drop Deadline
- October 2-27: Selective Withdrawal Period
- October 10: No class (Columbus Day Recess)
- November 22-26: Thanksgiving Holiday
- December 07: Last Day of Classes
- December 14: Final Exam 4:30-7:15 pm in Robinson B228

THIS SYLLABUS IS A TENTATIVE PLAN FOR THE COURSE. THE INSTRUCTOR RESERVES THE RIGHT TO ALTER ANY ITEM ON THIS DOCUMENT AS DEEMED NECESSARY.