MATH 213: Analytic Geometry and Calculus III
Syllabus for the Fall 2018, Section 005

Instructor: Dr. Flavia Colonna

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E-mail and my home page: To get in touch with me outside of class or during the office hours is by contacting by email at fcolonna@gmu.edu. My home page is at http://math.gmu.edu/~fcolonna/.

Office hours: TR 12:30 p.m.-1:30 p.m. and 5:20 p.m.-5:45 p.m. or by appointment.

Textbook: Briggs, Cochran, & Gillett, *Calculus: Early Transcendentals*, 2nd ed., Pearson, 2015.

Material to be covered: This is a course in multivariable calculus. We will cover Chapters 11-14. It is assumed that students taking this class are already familiar with the main differentiation and integration techniques. There will be no time for reviewing these topics.

Exams: The midterm dates are Tuesday **September 25**, Thursday **October 25**, Thursday **November 29.** The final exam date and respective time are: Thursday **December 13**, 4:30 p.m. - 7:15 p.m.

Homework: The homework will not be collected, but you should try all homework problems (see the list below) and ask about those you have difficulty with.

Quizzes: There will be 10 weekly quizzes during recitation based on the homework problems from the previous week or weeks.

Attendance: Each student is expected to come to class regularly. I will keep records of students' attendance and use these and class participation to decide grades at the end of the course. **Low attendance and/or insufficient class participation may result in a drop in the grade for the course. Students are encouraged to see me or your TA for help. Use the Math Tutoring Center (Johnson Center, Room 344) if you need more assistance.**

Make-Up policy: No make-up tests or quizzes will be allowed. If you are an athlete having to be away for a sport event or have an unavoidable conflict you can demonstrate on days of a test or quiz, you may arrange a make-up prior to the date. No make-up exams or quizzes can take place after the scheduled date.

Grading Policy: The lowest test grade and two quiz grades will be dropped.

Percent of final grade:
- Midterm Tests: 50%
- Quizzes: 15%
- Attendance & class participation: 5%
- Final exam: 30%

Homework Assignments - Math 213 005 – Fall 2018

Dr. Flavia Colonna

Section	Problems
11.1	3-15(odd), 23-47(odd), 59-75(odd), 89
11.2	1-49, 67, 69, 79
11.3	1-41(odd), 49, 51, 55-61(odd), 69, 77, 79, 85-89(odd)
11.4	1-5(odd), 9-37(odd), 49-63(odd)
11.5	1-31(odd), 41-49(odd), 57-65(odd), 79, 81
11.6	1-29(odd), 37-49(odd), 53-61(odd), 69, 71
11.7	7-17(odd), 25-35(odd), 43, 45, 47, 49
11.8	1-7(odd), 11-25(odd), 41-51(odd)
11.9	1-5(odd), 11-25(odd)
12.1	1-69(odd), 81-87(odd)
12.2	1-9(odd), 21-27(odd), 31, 33,35
12.3	1-9(odd), 11-23(odd), 327-35(odd)
12.4	1-5(odd), 11-33(odd), 39, 45, 47
12.5	1-21(odd), 27-35(odd), 43, 45, 53, 59
12.6	1-5(odd), 9-35(odd), 43, 45
12.7	1-37(odd)
12.8	1-33(odd)
12.9	1-11(odd), 29-33(odd)
13.1	1-27(odd), 33, 47, 49, 55
13.2	1-37(odd), 47-51(odd), 57-79(odd)
13.3	1-31(odd), 39, 51-57(odd)
13.4	1-33(odd)
13.5	1-21(odd), 29-51(odd)
14.1	7-13(odd), 25-33(odd)
14.2	11-27(odd),31-35(odd), 39-43(odd), 47, 49
14.3	9-19(odd), 27-47(odd)
14.4	11-37(odd), 41-47(odd)