

SYLLABUS

Fall 2017



Department of Mathematical Sciences

Analytic Geometry and Calculus II (Math 114-004 and Math 114-005)

Instructor: Professor David Carchedi
Office: Exploratory Hall 4216
Office Hours: Tuesday 2:00-3:00pm
Email: Please contact me via Piazza (see below)

Lectures: Tuesday & Thursday.

SECTION 004: 4:30 – 6:20 pm. PLANET 129

SECTION 005: 7:20 – 9:10 pm. R A247

Teaching Assistants:

SECTION 004: Rebecca Clark
Office Hours: Monday 2:00-3:00pm & Wednesdays 7:30-8:30pm

SECTION 005: Tracey Oellerich
Office Hours: Wednesdays 2:00-4:00pm

You may attend the office hours of either TA, regardless of your section. Office hours will take place in the GTA office, 4th floor, Exploratory hall.

Learning Assistant: Joseph Frias
Office Hours: Mondays 3:00-5:00pm in EXPL L506

Required Text: Calculus: Early Transcendentals (2nd Edition) by Briggs, Cochran, & Gillett (ISBN-13: 9780321947345).

The textbook bundled with a **MyMathLab** access code can be purchased in the campus bookstore (it is the only option listed as “required”). This will be required to complete online homework.

Piazza: I have set up a Piazza page for the class. This will allow students to post questions, both about mathematics, and the course in general. Your fellow students, the TAs, and myself can then answer these questions. Questions can also be sent privately. To motivate students to use this valuable resource, I will not be using email and will only be responding to messages posted through Piazza.

Prerequisites: C or better in MATH113 or specified score on the Math Placement Test.

Course Description: Over the term we will learn about methods of integration, conic sections, parametric equations, infinite series, and power series (Chapters 6-10).

Exams: There will be two midterm exams during the semester and a comprehensive final exam at the end of the term. NO make-up tests will be given. Calculators are not allowed on exams. You need to have your GMU ID to take exams.

Homework: We will be using **MyMathLab** for on-line homework. Instructions to get started with MyMathLab are available at: <http://math.gmu.edu/~dcarched/114HWInstructions.pdf>

Our Course ID is: carchedi42574

Homework will be assigned from every section we cover, and must be completed on **MyMathLab** by the specified due date and time. Please log in regularly to **MyMathLab** to make sure you don't miss an assignment!

Grading: Your grade for the course will be calculated based on the homework (15%), two midterms (25% each), and a Final (35%).

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.

Electronic Devices (such as laptops, cell phones, etc.): Please be respectful of your peers and your instructor and do not engage in activities that are unrelated to class. Such disruptions show a lack of professionalism and may result in penalties.

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, <http://ds.gmu.edu>. All academic accommodations must be arranged through that office.

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/>

Diversity: You are expected to behave in accordance of the GMU Diversity Statement: <http://ctfe.gmu.edu/professional-development/mason-diversity-statement/>

Privacy: Students must use their MasonLive email account to receive important University information, including messages related to this class. See <http://masonlive.gmu.edu/> for more information..

Tentative Schedule:

Date	Lecture Topic
8/29/17	6.1, 6.2
8/31/17	6.2, 6.3
9/5/17	6.3, 6.4
9/7/17	6.5, 6.6
9/12/17	6.6, 6.7
9/14/17	6.7, 6.8
9/19/17	6.9, 6.10

9/21/17	7.1, 7.2
9/26/17	7.2, 7.3
9/28/17	7.4, 7.5
10/3/17	7.5, 7.6
10/5/17	7.7, 7.8
10/10/17	No class. Columbus Day
10/12/17	7.8, 7.9
10/17/17	8.1, 8.2
10/19/17	Midterm 1
10/24/17	8.2, 8.3
10/26/17	8.4
10/31/17	8.5
11/2/17	8.6
11/7/17	9.1, 9.2
11/9/17	9.2, 9.3
11/14/17	9.3, 9.4
11/16/17	Midterm 2
11/21/17	10.1, 10.2
11/23/17	No class. Thanksgiving Break
11/28/17	10.3
11/30/17	10.4
12/5/17	Review
12/7/17	Review
12/19/17	Final