

# SYLLABUS

## Spring 2018



Department of Mathematical Sciences

## Analytic Geometry and Calculus II (Math 114-006)

**Instructor:** Professor David Carchedi  
**Office:** Exploratory Hall 4216  
**Office Hours:** Tuesday 3:30-4:30pm  
**Email:** Please contact me via Piazza (see below)

**Lectures:** Tuesday & Thursday, 5:20 – 7:10 pm. PLANET 129

**Teaching Assistant:** Long Nguyen  
**Office Hours:** Thursday 12:30-2:30pm, EXPL 4311

**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 three 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%), three midterms (20% each), and a Final (25%).

**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. Use of such devices during an exam will result in an automatic F.

**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/>. There will be a zero tolerance policy with respect to cheating. Do not do it. If you are caught cheating, I will not hesitate to report you to the Office of Academic Integrity and suggest harsh punishment.

**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
1/23/18	6.1, 6.2
1/25/18	6.2, 6.3
1/30/18	6.3, 6.4
2/1/18	6.5, 6.6
2/6/18	6.6, 6.8
2/8/18	6.8, 6.9
2/13/18	6.9, 7.1
2/15/18	7.2
2/20/18	7.2, 7.3
2/22/18	<b>Midterm 1</b>
2/27/18	7.3, 7.4
3/1/18	7.4, 7.5
3/6/18	7.5, 7.6
3/8/18	7.7, 7.8
3/13/18	<b>Spring Break!</b>
3/15/18	<b>Spring Break!</b>
3/20/18	7.8, 7.9
3/22/18	7.9

3/27/18	<b>Midterm 2</b>
3/29/18	8.2
4/3/18	8.3
4/5/18	8.4
4/10/18	8.5
4/12/18	8.6
4/17/18	<b>Midterm 3</b>
4/19/18	9.1
4/24/18	9.2
4/26/18	9.3
5/1/18	9.4
5/3/18	Review
5/8/18	<b>Reading Day</b>
5/10/18	<b>Final</b>