

George Mason University
Math 114 - 001
Calculus & Analytic Geometry II

Instructor: Trey Andreani
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Office: Exploratory Hall 4405

In-Person Office Hours: MW 3:15-4:15 pm

Class: MW 4:30-6:20pm
Room: Exploratory Hall L004
Online Office Hours: F 2:00-3:00pm
Zoom ID: 541 952 8897

Prerequisite: C or better in MATH 113.

Description: We will cover methods of integration, conic sections, parametric equations, infinite series, and power series.

Text: Thomas' Calculus (Early Transcendentals) by Hass, Heil and Weir (14th edition, Pearson publisher). We will use MyMathLab from Pearson, and a hardcopy of the text is not required. Setup instructions can be found on Blackboard.

Technology: We will be using MyMathLab for homework and quizzes. All technology must be silenced during lecture and recitation. Failure to comply will result being asked to leave the classroom and taking a zero on the day's assignment.

Participation: Each class will include time to work in groups while attempting some of the current material. Students are expected to come to class on time having completed all previous homework assignments and having read the current section (Additionally, MyMathLab has videos to watch for each section).

Quizzes: There will be a weekly quiz on MyMathLab to check your current progress.

Exams: There will be three exams during the course. You may not leave the classroom during an exam for any reason. Please come to class prepared. Make-up exams will only be given for extreme circumstances, must be accompanied by official documentation, and I must be notified in advance.

Final Exam: The final exam will be cumulative. The date and time are set by the university, and are non-negotiable.

Grading:

Participation(Lecture) - 10%

Recitation - 10%

MyMathLab Homework & Quizzes - 15%

Exams - 20% (x2)

Final Exam - 25%

A: 90-100% B: 80-89% C: 70-79% D: 60-69% F: 0-59%

Blackboard Login Instructions: All users access Blackboard through the myMason portal. To access Blackboard, log in to mymason.gmu.edu and select the Courses tab. Faculty and students will gain access to their courses from this location.

Diversity, equity and inclusion: George Mason University is an intentionally inclusive community that promotes and maintains an equitable and just work and learning environment. We welcome and value individuals and their differences including race, economic status, gender expression and identity, sex, sexual orientation, ethnicity, national origin, first language, religion, age, and disability. Please email me if you have any concerns about any feeling of inequity in this course.

Religious Holidays: GMU is accommodating to all religious holidays observed by its students and faculty. It is each student's responsibility during the first two weeks of the semester to inform instructors the dates of any major religious holidays on which the student will be absent or unavailable due to religious observances. <https://ulife.gmu.edu/religious-holiday-calendar/>

Disability statement: If you are a student with a disability and you need academic accommodations, please contact Disability Services at 703.993.2474. All academic accommodations must be arranged through that office. Your accommodations sheet must be submitted on Blackboard at least one week prior to any assessment that you are requesting accommodations for. <https://ds.gmu.edu/>

GMU Math Tutoring Center: The Math Tutoring Center will be offering online tutoring services to students currently enrolled in undergraduate Math courses at GMU. More information can be found at:

<https://science.gmu.edu/academics/departmentshttps://science.gmu.edu/academics/departments-units/mathematical-sciences/math-tutoring/tutoring-center-hours-and>

Academic Integrity: In your application to GMU, you signed an agreement to adhere to the Honor Code, which states that you must not “cheat, steal, plagiarize, or lie in matters related to your academic work.”

University Honor Code: You are expected to follow the GMU Honor Code <https://oai.gmu.edu/>

Student Privacy/FERPA: The Family Educational Rights and Privacy Act of 1974 (FERPA) is a federal law that governs the education records of eligible students. It grants students continuous access to their education records upon request, allows students to amend their records if they feel they're inaccurate, and restricts how and when their education records can be disclosed. <https://registrar.gmu.edu/ferpa/>

Netiquette: Craft your messages carefully to avoid misinterpretation. Keep these online communication strategies in mind:

- Avoid vague words, jargons, and sarcasm—any rude or disrespectful posts will result in a grade deduction
- Edit meticulously

Additional Resources/Student Services:

- Keep Learning, Learning Services <https://learningservices.gmu.edu/keeplearning/>
- Counseling and Psychological Services <https://caps.gmu.edu/>
- University Libraries <https://library.gmu.edu/>
- See a longer list of Mason student support services posted on The Stearns Center website:
<https://stearnscenter.gmu.edu/knowledge-center/knowning-mason-students/student-supporthttps://stearnscenter.gmu.edu/knowledge-center/knowning-mason-students/student-support-resources-on-campus/resources-on-campus/>

Important Dates:

Last Day to Drop (No Tuition Penalty) - September 6

Last Day to Drop (50% Tuition Penalty) - September 13

Last Day to Drop (100% Tuition Penalty) - September 27

Final Exam (Cumulative) - Monday, December 12 4:30-7:15pm

Schedule: (Subject to Change)

Week	Monday	Wednesday
1 (8/22-24)	Calc I Review	6.1
2 (8/29-8/31)	6.2, 6.3	6.3, 6.4
3 (9/5-9/7)	<i>No Classes (Labor Day)</i>	6.5
4 (9/12-9/14)	6.6, 7.1	7.1, 7.2
5 (9/19-9/21)	7.3	7.4
6 (9/26-9/28)	Review	Exam 1 (Ch 6, 7)
7 (10/3-10/5)	8.2, 8.3	8.3, 8.4
8 (10/10-10/12)	8.5 <i>(We meet on Tuesday!!!)</i>	8.8
9 (10/17-10/19)	10.1	10.2
10 (10/24-10/26)	10.3	10.4
11 (10/31-11/2)	10.5, 10.6	10.6, 10.7
12 (11/7-11/9)	10.8, 10.9	10.9, 10.10
13 (11/14-11/16)	Review	Exam 2 (Ch 8, 10)
14 (11/21-11/23)	11.1	<i>No Classes (Thanksgiving)</i>
15 (11/28-11/30)	11.2, 11.3	11.3, 11.6