

Analytic Geometry and Calculus I (MATH:113)

Spring 2023

Recitation 304, M 8:30-9:20am, 1105 Peterson Hall

Recitation 305, M 9:30-10:20am, 1105 Peterson Hall

<https://mason.gmu.edu/~apizzime>

Drop-in Hours:

M/W 1:30-3pm, GTA Workroom, Exploratory Hall 4th Floor

General Information

- **Anthony Pizzimenti** [apizzime@gmu.edu] is the instructor of record for the recitation portions of this course. If you want to email me, please include “MATH:113” in the subject of the email.
- **Iman Garmiani** [igarmian@gmu.edu] and **Brooks Epley** [bepley2@gmu.edu] are the Learning Assistants for this course.
- **Prof. Trey Andreani** [fandrean@gmu.edu] is the instructor of record for the lecture portion of this course.
- **Dr. Catherine Sausville** [csausvil@gmu.edu] is the director of undergraduate studies.
- The textbook is *Thomas' Calculus: Early Transcendentals (14th ed.)* by Hass, Heil, and Weir.
- In recitation, **we may use alternate resources to explore ideas** — these resources will be provided to you on Blackboard and on the course website.
- We may use software like **Wolfram Mathematica** or **Desmos** to dig deeper into topics covered in class. You are entitled to a free license for this software, which GMU provides. A product link for this software is posted on Blackboard.

If you have trouble purchasing, renting, or accessing resources, **let me know as soon as possible.**

Principles

Our classroom *is*...

- ... an active learning environment, where we dig into ideas and are unafraid to ask questions.
- ... a place of non-judgment, mutual respect, humility, and support.
- ... a place to make mistakes and be confused sometimes.
- ... mindful about what we learn and its broader societal impacts, and inclusive to those we learn with.

Our classroom *isn't*...

- ... somewhere to withhold information from your peers.
- ... a place where prejudice or discrimination of any form is tolerated.

Structure and Grading

Our part of the course is inquiry-based. Through our calculus work we'll focus on big ideas, developing our mathematical intuition, learning how to learn, and expanding our mathematical toolbox. We'll combine small-group work with interactive mini-lectures, an occasional quiz, and computer-aided exploration activities. Your recitation grade, based on participation, follows this rubric:

Points	Engagement Level
0 points	Isn't in attendance (without previous discussion with Anthony or Prof. Andreani); ignores class principles; creates an environment hostile to collective learning.
1 point	Is in attendance, but makes minimal attempts to participate in class or group work; ignores peers or is unwilling to work cooperatively.
2 points	Is in attendance, abides by class principles, and works consistently and cooperatively with their group.

Remember, **the more you put into the course, the more you'll get out of it.**

Drop-in Hours and Communication

My drop-in hours are from 1:30-3pm on Mondays and Wednesdays. If you can't make my regular drop-in hours, a link to schedule an appointment with me is located on Blackboard as well as my personal webpage. Drop-in Hours are hosted in the collaboration rooms in the Graduate Teaching Assistant offices in the Mathematical Sciences Department on the 4th floor of Exploratory Hall. I will post course notes, materials, announcements, and grades on Blackboard. If you need to get in touch, send me a message on Blackboard or an email with "MATH:113" in the subject line.

On-Campus Resources

- The **Student Support and Advocacy Center (SSAC)** [ssac.gmu.edu] provides resources, counseling, and other services for students dealing with food insecurity, financial distress, sexual harassment or assault, domestic or dating violence, or gender discrimination.
- **Counseling and Psychological Service (CAPS)** [caps.gmu.edu] gives students access to free and confidential short-term mental health care.
- The **Mason Title IX Office** [diversity.gmu.edu/title-ix] is a venue for reporting incidents of sexual or interpersonal misconduct. They are located at 373 Aquia, MS 2C2 or can be contacted at (703) 993-8730.
- **I am a mandatory reporter**, which means I am required to report any disclosure of sexual assault, sexual harassment, interpersonal violence, stalking, sexual exploitation, complicity, or retaliation to Mason's Title IX Coordinator. **If you would like to speak with someone confidentially**, SSAC and CAPS will assist you.
- The **Office of Disability Services** [ds.gmu.edu] ensures students with disabilities are provided accommodations for their learning. They are located in Student Union Building I (SUB I), Suite 2500. You can also email them at ods@gmu.edu.
- The **Learning Services Office** [learningservices.gmu.edu] provides workshops, coaching, and tutoring for students who need academic assistance outside the classroom and office hours.