

George Mason University
Math 105 - 001
Precalculus Mathematics

Instructor: Trey Andreani
Email: fandrean@gmu.edu
Office: Exploratory Hall 4405
In-Person Office Hours: MW 10:30-11:30am

Class: MW 8:30-10:20am
Room: King Hall 1006
Online Office Hours: F 1:00-2:00pm
Zoom ID: 541 952 8897

Prerequisite: You must have either passed the Math Placement Exam or completed the Self-paced Algebra Tutorial, Math 008, no later than Monday, January 31 in order to add the course.

Description: Quantitative skills for the real world. Topics include critical thinking, modeling by functions, graphs, growth, scaling, probability and statistics.

Text: The textbook is *Precalculus*, 1st edition, by Miller and Gerken. You will also need a student access code for ALEKS which is available in the bookstore. All homework and quizzes will be assigned through the ALEKS system. The access code includes an online copy of the textbook. A hard copy is not required.

Technology: You will not be using a calculator at any point in this course. All devices must be silenced before entering the classroom. Failure to comply will result in being asked to leave and receiving a zero for the day's assignment.

Participation: You are expected to watch instructional videos, found on ALEKS, and read the relevant sections of the text before coming to class. Each class period will consist of lecture, where I will cover the material and provide examples, and time for group work on introductory level problems.

Exams: There will be two 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 - 10%
Aleks Homework & Quizzes - 25%
Exams - 20% each
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/departments-units/mathematical-sciences/math-tutoring/tutoring-center>

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 - Monday, December 12 7:30-10:15am

Schedule: (Subject to Change)

Week	Monday	Wednesday
1 (8/22-24)	Review	1.1
2 (8/29-8/31)	1.3, 1.4	1.4, 1.6
3 (9/5-9/7)	<i>No Classes (Labor Day)</i>	1.7
4 (9/12-9/14)	1.8, 2.1	2.1, 2.2
5 (9/19-9/21)	2.3, 2.4	2.4, 2.5
6 (9/26-9/28)	2.6, 3.1	3.1, 3.2
7 (10/3-10/5)	3.3, 3.4	3.4, 3.5
8 (10/10-10/12)	3.6, 1.2 (We meet on Tuesday!!!)	1.2, 4.1
9 (10/17-10/19)	Exam 1 (Ch. 1-3)	4.2
10 (10/24-10/26)	4.3, 4.4	4.4, 4.5
11 (10/31-11/2)	4.6, 4.7	4.7, 5.1
12 (11/7-11/9)	5.1, 5.2	5.2, 5.3
13 (11/14-11/16)	5.5, 6.1	6.1, 6.2
14 (11/21-11/23)	Exam 2 (Ch. 4-5)	<i>No Class (Thanksgiving)</i>
15 (11/28-11/30)	6.3	<i>Review</i>