

CLASS INFORMATION: Note that the “R” below is used for Thursday.

SCHEDULED MEETING TIMES				
Type	Tme	Days	Where	Date Range
Lecture	10:45am – 12:40pm	MTWR	Maguire 102	July 7, 2025 – August 7, 2025

INSTRUCTOR: Erblin Mehmetaj

Office: Department of Mathematics & Statistics
322 St. Mary’s Hall
37th and O Streets, N.W.
Washington, D.C. 20057

Phone: (202) 687 – 2767
E-mail: em1109@georgetown.edu
Office Hours: TBD

TEXTBOOK: *PreCalculus: An Investigation of Functions*, Second Edition, Lippman and Rasmussen, available at <http://www.opentextbookstore.com/precalc/>.

COURSE OUTLINE: This course is intended as a preparation for MATH-1350: Calculus I. Topics include: algebraic operations, factoring, exponents and logarithms, polynomials, rational functions, trigonometric functions, inverse trigonometric functions, and the logarithmic and exponential functions.

ADDITIONAL INFORMATION ABOUT THE COURSE: Available on the Canvas web page for the course:
<http://canvas.georgetown.edu>

EXAMS: There will be **three exams** and a **cumulative final exam**.

Use of calculators is also **not permitted**.

HOMEWORK POLICY: Homework will be assigned after every class, however, it will not be collected. Each class will start by answering any of the homework questions that were assigned the day before. In order to do well on the exams, you have to complete the homework questions.

GRADES: The course grade will be based upon the scores on the homework assignments, exams, and final exam.

Exam 1	25%
Exam 2	25%
Exam 3	25%
Final Exam	25%
Participation	Variable
Total	100%

The final grade will be assigned according to the following grading scale:

Final Grade	Final Score
A	93% – 100%
A-	90% – 92%
B+	87% – 89%
B	83% – 86%
B-	80% – 82%
C+	77% – 79%
C	73% – 76%
C-	70% – 72%
D+	67% – 69%
D	60% – 66%
F	0 - 59%

STUDENT RESPONSIBILITIES AND CLASSROOM COURTESY: You are responsible for knowing about all announcements made in class related to tests, homework, etc., and for all material covered in class.

Be aware of the University’s Honor System; see <http://honorcouncil.georgetown.edu/system> for details. If cases of academic dishonesty arise, whether on exams, they will be pursued to their conclusion. Assistance of any type (notes in any form, books, etc.) is strictly banned during exams. Using the work of others on exams is strictly prohibited.

Make-up exams are rarely granted. Except under exceptional circumstances (e.g., death of a family member), there are no make-up exams without proper arrangements *made in advance*. It is not sufficient to send the instructor e-mail; if you must miss an exam, it is your obligation to talk *directly with the instructor in advance*.

Each student must conduct him or herself in a manner that promotes a positive atmosphere, conveys mutual respect, and creates no distractions, thereby allowing all students to focus on our goal: learning pre-calculus. In particular:

- *cell phones, texting devices, and all other potentially distracting devices must be turned off during class;*

- *everyone should make a serious effort to arrive promptly for the start of class;*
- *except for serious reasons, once in class everyone should remain in class until the class is over,*
- *apart from the lecture, students asking the instructor questions, and students responding to the instructor's questions, the class should be silent.*

These rules are established to create an atmosphere that optimally enables student academic achievement; it is only fair that violations of these rules may result in significantly less partial credit on the exams of any violators.

While, on rare occasions, students may need to be absent from class for valid reasons, more than a few absences without valid explanations will be interpreted as a sign of an unsatisfactory level of effort. Students are expected to put substantial effort into this course, starting with regular attendance, so those who have more than a few absences without valid explanations may receive significantly less generous partial credit on exam.

QUESTIONS: Everyone is strongly encouraged to ask questions during class and during office hours!

DISABILITIES: Students with disabilities needing accommodations to fully participate in this class should contact the Academic Resource Center. All accommodations must be approved through the Academic Resource Center prior to being implemented. To learn more about the accommodation process, visit the Academic Resource Center's website at <http://academicsupport.georgetown.edu>.

HOW TO SUCCEED IN THIS COURSE: *practice, practice, practice...*

On exams you will have to solve problems that you have not seen before. So, to prepare for exams, practice what you will encounter on the exams: do many, many practice problems. The textbook has plenty of worked examples and practice problems.

Material builds up quickly in this course. It is crucial to keep up by working all assigned problems and asking about any you cannot solve. Do not let yourself fall behind, hoping to catch up before exams — this rarely works. It is ultimately far easier and more efficient to stay on top of the material than to cram before the exams.

You are responsible for your own education. You must make sure that you understand what is presented in the lectures and in the text. You must puzzle things out for yourself and ask questions when you get stuck. You must use the problems as self-tests. Lectures only assist in the learning process. The instructor exposes you to the material, explains the flow of ideas, and shows you some examples illustrating the material. The vast majority of learning occurs outside the classroom when you grapple with the ideas presented in the classroom and in the text, and when you

apply these ideas yourself to solve problems. The instructor is only a guide; you have to do the hard work.

TITLE IX Statement : Georgetown University and its faculty are committed to supporting survivors and those impacted by sexual misconduct, which includes sexual assault, sexual harassment, relationship violence, and stalking. Georgetown requires faculty members, unless otherwise designated as confidential, to report all disclosures of sexual misconduct to the University Title IX Coordinator or a Deputy Title IX Coordinator. If you disclose an incident of sexual misconduct to a professor in or outside of the classroom (with the exception of disclosures in papers), that faculty member must report the incident to the Title IX Coordinator, or Deputy Title IX Coordinator. The coordinator will, in turn, reach out to the student to provide support, resources, and the option to meet. [Please note that the student is not required to meet with the Title IX coordinator.]. More information about reporting options and resources can be found on the Sexual Misconduct Website: <https://sexualassault.georgetown.edu/resourcecenter>.

If you would prefer to speak to someone confidentially, Georgetown has a number of fully confidential professional resources that can provide support and assistance. These resources include:

Health Education Services for Sexual Assault Response and Prevention: confidential email sarp@georgetown.edu

Counseling and Psychiatric Services (CAPS): 202.687.6985 or after hours, call (833) 960-3006 to reach Fonemed, a telehealth service; individuals may ask for the on-call CAPS clinician

More information about reporting options and resources can be found on the Sexual Misconduct Website.

Title IX Pregnancy Modifications and Adjustments Georgetown University is committed to creating an accessible and inclusive environment for pregnant students. At any point throughout their pregnancy students may request adjustments/modifications based on general pregnancy needs or accommodations based on a pregnancy-related complication or medical need. Students may also request accommodations following labor and delivery based on a complication or medical need.

SCS students must complete the Pregnancy Adjustment Request Form (<https://titleix.georgetown.edu/title-ix-pregnancy/student-pregnancy/>) and submit it to the SCS Deputy Title IX Coordinator at titleixscs@georgetown.edu. Upon receiving the completed form, the Deputy Title IX Coordinator will schedule a meeting with the student to discuss the requested adjustments and implementation process. More information about pregnancy modifications can be found on the Title IX at Georgetown University Website.