

CLASS INFORMATION:

SCHEDULED MEETING TIMES				
Type	Time	Days	Where	Date Range
Online			Online REMOTE	July 3, 2023 – August 11, 2023

INSTRUCTOR: Erblin Mehmetaj

Office: Department of Mathematics & Statistics
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TEXTBOOK: *Calculus: Early Transcendentals*, Third Edition, Briggs, Cochran, and Gillett, Pearson (2018).

COURSE OUTLINE: A continuation of MATH 035 – Calculus I. Topics include applications of integration (area of region between curves, volume by slicing, volume by shells, length of curves, and surface area), logarithmic and exponential functions (including exponential growth and decay models), techniques of integration (integration by parts, trigonometric integrals, trigonometric substitutions, partial fractions, rationalizing substitutions, and improper integrals), L'Hospital's Rule, sequences and infinite series (The Divergence and Integral Tests, Comparison Tests, Alternating Series, The Ratio and Root Test), power series (approximating functions with polynomials, properties of power series, Taylor Series, working with Taylor Series), and parametric and polar curves (parametric equations, polar coordinates, and calculus in polar coordinates).

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 for each class using **MyLab and Mastering**.

Online homework will usually (but not always) be due on **Sunday at 11:59pm** and it will be on the sections covered the week before. After the due time is reached, the correct answers are revealed and the assignment cannot be worked on anymore. You are strongly advised to start working on the homework as soon as it is assigned, while your knowledge of the material is still fresh. This will also help you avoid missing the deadlines.

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

Homework	20%
Exam 1	20%
Exam 2	20%
Exam 3	20%
Final Exam	20%
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%

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.