

Instructor: Sara Gharahbeigi, St Mary's Hall 336

E-mail: sg1120@Georgetown.edu

Class Schedule: MTWRF 10:45-12:45pm WG 213

Office Hours: by appointment

Zoom Office Hours are By appointment with Zoom ID 969 2021 2387

Text Books: (use Access Pearson tab on the left, to purchase the text and register for MyMathLab)

Mathematical Ideas, By C. Miller, V. Heeren, J. Hornsby, C. Heeren, 15th Edition. You only need the access code which let's you to the HW site and the ebook. No purchase of the hardcopy needed unless you prefer to have the physical copy of the text.

(The GU BookStore does PRICE-MATCH with Amazon and Barnes and Nobles)

Topics Covered (time permitting) :

Problem solving, Set Theory, Logic, Basics of Algebra, Basic Number Theory and Cryptography, Probability, Statistics, Personal Financial Management.

Course requirements: I will assign homework problems. It is extremely important that you solve (or at least try to solve) all homework problems. You may discuss HW problems with classmates or with me during office hours, but the final write up should be your own. If you have to miss a class it is your responsibility to find out what you missed and to make it up. **Late (after the due date for one week only) HW will be accepted, but will have 50% penalty.**

Examinations and grading policies: There are three midterms (18% each). The final exam will be 30% and HW is 16%. **There will be no make-up exam.** In a true emergency (for example extreme illness which has been discussed and documentation received by the instructor or student's dean), the final exam will replace the missed exam (no separate make-up for the missed exam). Grading Scale: 90-92 (A-), 93-100(A), 80-82 (B-), 83-89 (B) 70-72 (C-), 73-79 (C), 60-69 (D), 0-59 (F). Grades B+ or C+ will be considered for students who attend class regularly and participate in class discussions.

Tentative Schedule for Midterms: TBD

Final Exam Friday TBD

ACADEMIC INTEGRITY

Students at Georgetown University are expected to maintain the highest standards of academic and personal integrity. Although most Georgetown students conduct themselves in accordance with these standards, occasionally, there are students who violate the code of conduct. Cheating harms the University community in many ways. For example, honest students are frustrated by the unfairness of cheating that goes undetected and students who cheat can skew the grading curve in a class, resulting in lower grades for students who worked hard and did their own work.

Academic dishonesty in any form is a serious offense, and students found in violation are subject to academic penalties that include, but are not limited to failure of the course, termination from the program, and revocation of degrees already conferred. All students are expected to fully adhere to the policies and procedures of [Georgetown's Honor System](#)[Links to an external site.](#) and to take the Honor Code Pledge.

Honor Code Pledge

In pursuit of the high ideals and rigorous standards of academic life I commit myself to respect and to uphold the Georgetown University honor system:

- To be honest in every academic endeavor, and
- To conduct myself honorably, as a responsible member of the Georgetown community as we live and work together.

Plagiarism

Stealing someone else's work is a terminal offense in the workplace, and it will wreck your career in academia, too. Students are expected to work with integrity and honesty in all their assignments. The Georgetown University Honor System defines plagiarism as "the act of passing off as one's own the ideas or writings of another." More guidance is available through the [Gervase Programs](#)[Links to an external site.](#). If you have any doubts about plagiarism, paraphrasing, and the need to credit, check out [Plagiarism.org](#)[Links to an external site.](#).

All submissions must be your original work. Any submission suspected of plagiarism will be immediately referred to the Honor Council for investigation and possible adjudication. All students are expected to follow Georgetown's honor code unconditionally. If you have not done so, please read the honor code material located online at the [Honor Council website](#)[Links to an external site.](#).

SUPPORT SERVICES

Georgetown recognizes that COVID-19 has a significant impact on everyone in the Georgetown community. Georgetown offers a variety of support services for students that can be accessed online and has put together [this newsletter](#)[Links to an external site.](#) which aims to provide you with information about well-being resources and virtual meetings that can connect you with mental health professionals on and off campus during this time. Below are some resources available to you:

- [Academic Resource Center](#)
[Links to an external site.](#) 202-687-8354 | arc@georgetown.edu
- [Counseling and Psychiatric Services](#)
[Links to an external site.](#) 202-687-6985
- [Institutional Diversity, Equity & Affirmative Action \(IDEAA\)](#)
[Links to an external site.](#) (202) 687-4798

Title IX/Sexual Misconduct

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>[Links to an external site.](#).

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.