Math 100 (MQR)
Basic Structures of Math

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Office Hours: See Lumen.

Prerequisite: CUNY Math Proficiency.

Note that Math 100 is a terminal math / quantitative reasoning CUNY Common Core course and is *not* prerequisite for any other class. Students pursuing math or science majors or other majors/programs with mathematics prerequisites should take the mathematics course(s) appropriate to their program or major.

Course Materials: The text and all materials for this course are available online through the Lumen Learning Online Homework Manager (OHM).

Our Lumen Course ID:

A calculator is required. You may use any calculator or app you are familiar with.

Syllabus: We cover most of Ch. 7 – 12 of the eText. Topics include Sets and Counting, as well as elementary Probability and Statistics.

Learning Outcomes: Upon successful completion of this course, a student should be able to:

1. Interpret and draw appropriate inferences from quantitative representations, such as formulas, graphs, or tables.
2. Use algebraic, numerical, graphical, or statistical methods to draw accurate conclusions and solve mathematical problems.
3. Represent quantitative problems expressed in natural language in a suitable mathematical format.
4. Effectively communicate quantitative analysis or solutions to mathematical problems in written or oral form.
5. Evaluate solutions to problems for reasonableness using a variety of means, including informed estimation.
6. Apply mathematical methods to problems in other fields of study.

Learning Modules: Every Chapter has a learning module that includes a reading from the textbook and several videos that explain the content. You should read/watch these and take notes on them, as you would in class. After doing this, you will complete a "Reading Quiz," a brief exercise set of simple questions to test your understanding of the reading and video materials. Reading Quizzes are 10% of your grade.

Homework: Online homework will also be assigned with each chapter. Doing the homework is *essential* to passing this and any math course. Homework is 20% of your grade.

Exams: There will also be a Test online for each Chapter and two online Midterms (on Chapters 7 – 10 and Chapters 10 – 12). You will have three attempts at each Test and two at the Midterms with the best score kept. Extensions are allowed on up to four sections of HW. Tests and the Midterms may *not* be extended. Tests are 5% each (30% total) and each Midterm is 15% (30% total). There will be a cumulative Final Exam at the end of the course. It is the other 10% of your course grade. If your Final Exam score is higher than your course average, the course average will be recalculated with the Final as 25% of your course grade.*

Grade Summary: Your total score for the course will be calculated in the following manner:

10%	Reading Quizzes
20%	Homework
30%	Chapter Tests (5% Each)
30%	Midterms (15% Each)
10%	Final Exam (or 25%*)

*If your Final Exam score is higher than your course average as calculated above, your course grade will be recalculated with the Final Exam as 25% of the grade. Other categories will be adjusted proportionally to total 75% of your course grade.

General Remarks: **Be responsible for your own learning!** This can't be stressed enough. It is up to you to find the best way for you to assimilate these ideas. Read the text, read your notes, do all the homework until you understand every problem, and think about the concepts as much as you can. Work on the course often—every day if possible! Don't be afraid to ask questions, and seek help when you need it. It is better to study often in small doses than infrequently for long periods. If you still find yourself struggling with the course, please seek assistance from the college's tutoring and academic support services. This is available at the Dolciani Mathematics Learning Center on the 7th floor of the college library.

"Hunter College regards acts of academic dishonesty (e.g., plagiarism, cheating on examinations, obtaining unfair advantage, and falsification of records and official documents) as serious offenses against the values of intellectual honesty. The College is committed to enforcing the CUNY Policy on Academic Integrity and will pursue cases of academic dishonesty according to the Hunter College Academic Integrity Procedures"

"In compliance with the American Disability Act of 1990 (ADA) and with Section 504 of the Rehabilitation Act of 1973, Hunter College is committed to ensuring educational parity and accommodations for all students with documented disabilities and/or medical conditions. It is recommended that all students with documented disabilities (Emotional, Medical, Physical and/or Learning) consult the Office of AccessABILITY located in Room E1124 to secure necessary academic accommodations. For further information and assistance please call (212-772-4857)/TTY (212-650-3230)."

"In compliance with the CUNY Policy on Sexual Misconduct, Hunter College reaffirms the prohibition of any sexual misconduct, which includes sexual violence, sexual harassment, and gender-based harassment retaliation against students, employees, or visitors, as well as certain intimate relationships. Students who have experienced any form of sexual violence on or off campus (including CUNY-sponsored trips and events) are entitled to the rights outlined in the Bill of Rights for Hunter College.
a) Sexual Violence: Students are strongly encouraged to immediately report the incident by calling 911, contacting NYPD Special Victims Division Hotline (646-610-7272) or their local police precinct, or contacting the College's Public Safety Office (212-772-4444).
b) All Other Forms of Sexual Misconduct: Students are also encouraged to contact the College'sTitle IX Campus Coordinator, Dean John Rose (jtrose@hunter.cuny.edu or 212-650-3262) or Colleen Barry (colleen.barry@hunter.cuny.edu or 212-772-4534) and seek complimentary services through the Counseling and Wellness Services Office, Hunter East 1123. CUNY Policy on Sexual Misconduct Link: http://www.cuny.edu/about/administration/offices/la/Policy-on-SexualMisconduct-12-1-14-with-links.pdf"

Note: I reserve the right to adjust this syllabus as required to address the needs of the class.