

ACMAT 100: Fundamentals of Math (3 Credits)
Arrupe College, Fall 2023 (Class Number: 6062)

Course Description: This course focuses on the foundations of algebra. Topics include the real number system operations, variable expressions, linear equations and inequalities, graphing linear equations in two variables, slope and equations of a line, exponents and polynomials, applications of proportion, percent and the use of formulas to develop problem solving skills.

Class Website: You can find information about the class (including a tentative schedule, copies of worksheets, and extra resources) at the following website: krystinmg.com/fall2023/math100. All necessary information will also be cross-posted to Sakai (<https://sakai.luc.edu>).

Instructor Information

Name: Krystin Manguba-Glover
(Professor MG)

Office: JFMH 312

Office Phone: 312-915-7966

Email: kmangubaglover@luc.edu

Calendly: <https://calendly.com/kmangubaglover/professor-mg-s-office-hours>

Office Hours:

- Monday 3:30-5:30pm
- By appointment via Calendly

Office hours will be held until the last day of instruction, but not on academic holidays. Arrupe College Math Fellows hold daily math workshops in Maguire Hall 303. Their schedule for the semester will be available in Sakai and on the class website.

Course Materials

MathXL: This is the online platform where you will access online homework, practice exams, and other resources. First-time math students will be, or have already been, provided with a 1-year MathXL access code as part of their Arrupe College technology packet. Other non-qualifying students will be instructed on how to pay for a subscription to MathXL with a credit card during the first day of class.

To register for MathXL and enroll in your section of Math 100 on MathXL, please follow the guidelines provided for you by your professor. You will need an access code and the Course ID below:

- The course name is: ACMAT100 - 006 Fall 2023
- The course ID is: XL4I-W114-9022-6YG2

Optional Textbook: “Intermediate Algebra for College Students” by Angel/Runde, tenth edition, Pearson. (ISBN-13: 9780134758992)

Students have the option of purchasing a hard-copy of the text if they wish. Hard-copies of the text will not be available at the bookstore but can be purchased from common online sources. A hard-copy of the text is neither required nor recommended.

Additional Material: A binder or folder is recommended for keeping papers organized. A notebook (or loose-leaf paper) is needed for notes and classwork/homework. Students must have access to the

internet to complete online work for this course. If there is no access to internet at home, students must plan to complete MathXL assignments at Arrupe or at another location that provides access to the internet.

Homework

Both online AND written homework problems will be assigned after each class period and are expected to be completed before the following session. For written assignments, you must write down all work required to complete each problem and submit it to Professor MG in order to receive credit. Students who do a homework problem incorrectly will be given the chance to correct their work for full credit. The final day to turn in homework for a given unit will be the day of that unit's exam. Homework for the final exam are due on the last day of class.

It is encouraged that you do practice problems on your own. You may work together on homework but the final product needs to be your own work.

Daily Check-Ins

On days when we do not have an in-class test, students will be asked to complete an activity (e.g. a problem or a game) at the beginning of class that reflects concepts that were covered in the previous class session. If you are absent on any given day, you may visit Professor MG during office hours to make it up.

In-Class Group Work

Throughout the semester, students will be given class time to complete a problem set in groups. These problems should be submitted by the end of class for credit unless otherwise stated. If you are absent on any given day, you may visit Professor MG during office hours to make it up.

Practice Exams

Before each exam, you will be provided with multiple practice exams via MathXL. You are required to complete at least one of these practice tests on, or before, the day of the exam. Students are, however, encouraged to complete more than one for more practice.

Exams

There will be five written exams given throughout this course: four unit tests and a final. Exams will be given in-class and will be closed book. The final exam will be cumulative. Here are the tentative exam dates:

Unit 1 Exam: Thursday, September 21

Unit 2 Exam: Monday, October 16

Unit 3 Exam: Thursday, November 2

Unit 4 Exam: Monday, November 20

Final Exam: Monday, December 11

While studying for an exam, you should work to understand the concepts being covered, not memorize problems. Showing your understanding on paper is key to receiving a good grade.

At the end of the semester, the lowest exam score will be dropped. If you cannot make it to an exam, you must contact Professor MG before, or (in case of emergency) within 24 hours after, the exam to determine if you are eligible for a make-up. There are no make-up tests for the final exam.

Grading

20% Homework
10% Daily Check-Ins
10% Group Work

10% Practice Exams
50% Exams

A grading curve will be applied if necessary. Accurate course grades can be found in Sakai, **not** on MathXL. Final grades will be assigned based on the Arrupe College grading scale:

A+	4.00	97–100	B+	3.33	87–89	C+	2.33	77–79	D+	1.33	67–69	F	0.00	≤ 64
A	4.00	93–96	B	3.00	83–86	C	2.00	73–76	D	1.00	65–66			
A–	3.67	90–92	B–	2.67	80–82	C–	1.67	70–72						

Academic Integrity

My assumption is that all students enrolled in this course are sincere in their commitment to ethical academic inquiry and growth through participation in a rigorous and cooperative learning community. Academic misconduct is an offense against Arrupe College and Loyola University Chicago. For a fuller articulation of Loyola’s academic integrity policy, see

www.luc.edu/academics/catalog/undergrad/reg_academicintegrity.shtml

Acts of misconduct include but are not limited to:

- Cheating: The use or attempted use of any unauthorized assistance in taking a test or exam, or any other assignment.
- Fabrication: Deliberate falsification in completing an assignment.

A grade of zero will be assigned to a test or assignment where there is evidence of academic misconduct; this includes using a phone, smart watch, or other communication device when directed not to do so.

Math Homework Apps and A.I. do more harm than good. If you rely on an app or website to find the answers to homework problems, it is unlikely that you will be able to successfully answer those same questions on a test. If you are struggling with homework, please come and talk to me. Arrupe has many resources for you to help you find ways to master the material. We want you to be successful in this course and into the future. Success comes with hard work, which takes time and practice.

Student Accessibility Center (SAC)

Loyola University Chicago provides reasonable accommodations for students with disabilities. Any student requesting accommodations related to a disability or other condition is required to register with the Student Accessibility Center (SAC). Professors will receive an accommodation notification from SAC, preferably within the first two weeks of class. Students are encouraged to meet with their professor individually in order to discuss their accommodations. All information will remain confidential. Please note that in this class, software may be used to audio record class lectures in order to provide equal access to students with disabilities. Students approved for this accommodation use recordings for their personal study only and recordings may not be shared with other people or used in any way against the faculty member, other lecturers, or students whose classroom comments are recorded as part of the class activity. Recordings are deleted at the end of the semester.

For more information about registering with SAC or questions about accommodations, please contact SAC at 773-508-3700 or SAC@luc.edu.

Equal Access to Education

Loyola University offers a range of resources to meet student needs and to ensure that all Arrupe students have equal access to education.

- **Wellness Center:** Our physical and mental wellbeing impacts our ability to do academic work. Loyola's Wellness Center offers students a range of physical and mental health services, mostly for free. See <http://www.luc.edu/wellness/>
- Arrupe has two licensed clinical social workers who are happy to meet with you.
 - Ernest Fernandez in Maguire 216 (efernandez1@luc.edu / 312-915-8923)
 - Nicole Sumida in Maguire 218 (nsumida@luc.edu / 312-915-8922)

Title IX Services

Under Title IX federal law, “no person in the United States shall, on the basis of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving federal financial assistance.” If you or someone you know has been sexually harassed or assaulted, please use one or more of the following resources:

- The Community Coalition on Gender-Based Violence (<https://www.luc.edu/coalition/>)
- Loyola Sexual Assault Advocacy Hotline 773.494.3810 (The hotline is open Monday - Friday, 8am to 4:30pm and 24 hours on the weekend when school is in session.)
- Anonymous Maxient Reporting System available through the Office of Equity & Compliance (www.luc.edu/equity).
- Campus Safety (773-508-6039)
- The Title IX coordinator: Timothy Love; Office (773) 508-7766; tlove@luc.edu

Loyola University Chicago faculty are committed to supporting our students and upholding gender equity laws as outlined by Title IX. Therefore, if a student chooses to confide in a member of Loyola's faculty or staff regarding an issue of gender-based misconduct, that faculty or staff member is obligated to tell Loyola's Title IX Deputy Coordinator. The Title IX Deputy Coordinator will assist the student in connecting with all possible resources for support and reporting both on and off campus. Please visit <https://www.luc.edu/equity/titleixequitylaws/titleix/> for more information regarding the University's response to notifications of gender or sexuality-based misconduct.

Notice of Reporting Obligations for Responsible Campus Partners

As an instructor, I am considered a Responsible Campus Partner (“RCP”) under Loyola's Comprehensive Policy and Procedures for Addressing Discrimination, Sexual Misconduct, and Retaliation (located at www.luc.edu/equity). While my goal is for you to be able to share information related to your life experiences through discussion and written work, I want to be transparent that as a RCP I am required to report certain disclosures of sexual misconduct (such as sexual assault, sexual harassment, intimate partner and/or domestic violence, and/or stalking) to the University's Title IX Coordinator. As an instructor, I also have a mandatory obligation under Illinois law to report disclosures of or suspected instances of child abuse or neglect.

The purpose of these reporting requirements is for the University to inform students who have

experienced sexual/gender-based violence of available resources and support. Such a report will not generate a report to law enforcement (no student will ever be forced to file a report with the police). Furthermore, the University's resources and supports are available to all students even if a student chooses that they do not want any other action taken. Please note that in certain situations, based on the nature of the disclosure, the University may need to take additional action to ensure the safety of the University community. If you have any questions about this policy, you may contact the Office for Equity & Compliance at equity@luc.edu or 773-508-7766.

If you wish to speak with a confidential resource regarding gender-based violence, I encourage you to call The Line at 773-494-3810. The Line is staffed by confidential advocates from 8:30am-5pm M-F and 24 hours on the weekend when school is in session. Advocates can provide support, talk through your options (medical, legal, LUC reporting, safety planning, etc.), and connect you with additional resources as needed. More information can be found at luc.edu/coalition or luc.edu/wellness.

****Contents of this syllabus are subject to change. Any changes will be announced and shared with students via the class website and/or email.****