Math 230 Mathematics for Liberal Arts Students

Fall 2023 Online Class # 16372, 16373

INSTRUCTOR INFORMATION:

Name: Carole Akl

Contact Information: Canvas Inbox (preferred), email aklce@lamission.edu, Pronto app in Canvas, or (818)364-7873

Student Hours: Fridays 8:30-9:40 am via Zoom, or by appointment

TEXTBOOK INFORMATION:

The textbook for this course is Math in Society by David Lippman. It is free and available online as an e-book. If you prefer a printed version, you can buy one from Amazon or the Student Store.

PREREQUISITES:

Intermediate Algebra or the equivalent or by placement.

DESCRIPTION:

Math 230 is an introduction to the spirit and style of mathematics and its pursuit as a human endeavor. Students receive instruction in topics which include linear equations and functions, applications of linear functions, systems of linear equations, matrices, system of linear inequalities, linear programming using the graphical method, mathematics of finance, logic, set theory, probability, basic counting, and statistics. However, this class should not be taken by Math, Science, Psychology, Sociology, Business, or Nursing majors. This class does not satisfy the math requirement for these majors.

STUDENT LEARNING OUTCOMES:

Upon completion of this course, students will be able to:

1. Use the methods discussed in the course to analyze information and solve mathematical problems.
2. Understand the principles of borrowing and saving to compare different financial opportunities and make informed decisions.

IMPORTANT DATES:

Last day to add with a permission number:	Sunday September 10, 2023
Last day to drop *without* receiving a "W":	Sunday September 10, 2023
Last day to drop *with* a "W":	Sunday November 19, 2023*
Last day to drop with a refund/no fee owed:	Sunday September 10, 2023
Final Exam:	Saturday December 16, 2023

PLEASE NOTE: A letter grade will appear on your transcript record after this date, including a "W". REMINDER: Course repetition is regulated by state guidelines, limiting students to a maximum of three (3) enrollments in a course, to include both substandard grades and withdrawals, unless otherwise specified in the course description.

GRADE CALCULATION:

Homework	20%
Quizzes	20%
Discussions	5%
Exams (3)	30%
Final Exam	25%

GRADE CUTOFF:

90% to 100%	A
80% to 89%	B
66% to 79%	C
56% to 65%	D
Below 56%	F

LATE WORK POLICY:

Homework and discussions have a target due date but are available for you to work on up to two days past this target due date without any penalty. However, understand that I schedule and plan lessons as well as testing based on the target date. Tests and final exam will be made available at 10AM and be due at midnight on the dates specified in the timeline at the end of this syllabus. There will be no extensions given for tests and final.

COURSE PARTICIPATION:

If you fail to login to Canvas and do the required assignments, as well take the exams, you may be excluded from the course. Continuous online participation is a crucial component of your success. You are expected to log into Canvas several times a week to study and do the required work. If you are inactive for more than two weeks in the course, you will be excluded. **Please check your Canvas inbox and Announcements regularly for updates.** I do communicate regularly with the class, and I send out notifications to individual students about their lack of activity and warn them about being dropped because of it. I encourage you to download the Canvas Student Smart Phone app to check announcements and emails, as well as use the Calendar to help you keep track of due dates. In addition, I suggest you set your notifications to suit your needs.

STANDARDS FOR STUDENT CONDUCT:

Dishonesty, such as cheating or knowingly furnishing false information to instructors and college personnel, turning in work that is not one's own will be grounds for disciplinary action. Student conduct and disciplinary policies (and students' rights regarding these policies) are detailed in BP 5500 Standards of Student Conduct and AP 5520 Student Discipline. The penalty may range from no credit for the assignment up to an "F" grade and disciplinary action. Students are expected to adhere to all school policies, and to abide by the standards of student conduct. Any infringement upon the rights of other students in the class will not be tolerated.

GETTING HELP/TUTORIAL SERVICES:

- **LRC Math Center Tutoring:** Free Math tutoring is available in-person in CMS 121 and virtually via the Penji app. Check the LAMC Tutoring link available in our Canvas course for more information on the tutoring schedule, to schedule an appointment, or visit drop-in tutoring.
- **NetTutor:** An online tutoring service which can be found as a navigation button in Canvas or directly thru this link: https://mymission.lamission.edu/nettutor.aspx . There is tutoring available 24 hours a day, every day!

CALCULATORS:

A basic statistics calculator is needed and will be allowed on the exams and final. Any kind will do the job. Graphing calculators, cell phones, and other electronic devices are forbidden during exams.

ADA/DISABILITY ACCOMMODATIONS:

LAMC is committed to providing equal opportunity to all students. If you have, or think you might have, a disability-related educational limitation, please contact the DSP&S Office. DSP&S provides special assistance in areas such as registering for courses, specialized tutoring, note-taking, mobility assistance, special instruction, testing assistance, special equipment, special materials, instructor liaisons, community referrals and job placement. I am happy to comply with any accommodation stipulated by DSP&S but cannot provide accommodations without their prior approval. Please contact them immediately so that accommodations can be arranged early in the semester.

ADDITIONAL RESOURCES:

- If you are new to online learning, please visit the Student Resource Page under Mission Online for tips and advice to get you started.
- For online/remote student services such as Counseling, Financial Aid, DSP&S, Veterans Resources, and others, please visit Student Support Services Online.
- Additional information and resources available to you at LAMC can be found in the Campus Resource Guide.

Tentative Course Schedule

Topic/Module	Due date
Orientation	Due Wednesday August 30
Measurement	Due Saturday September 9
Problem Solving	Due Wednesday September 20
Voting Theory	Due Wednesday September 27
Exam 1	**SATURDAY SEPTEMBER 30**
Weighted Voting	Due Saturday October 7
Apportionment	Due Wednesday October 18
Fair Division	Due Wednesday October 25
Exam 2	**SATURDAY NOVEMBER 4**
Historical Systems	Due Wednesday November 15
Growth Models	Due Saturday November 25
Finance	Due Wednesday December 6
Exam 3	**SATURDAY DECEMBER 9**
Final	**SATURDAY DECEMBER 16**