

# Math Learning Center

## MathS 95 Syllabus • Summer 2025

- Location: Main Campus: STEM 201 and Zoom in Canvas • MLC phone number: 916-484-8632

### Our Philosophy

Math is a sequential learning subject. In order to learn a new topic, you must already understand what came before. The Math Learning Center (MLC) provides students with a mastery-based approach to learning math, under the guidance of an instructor. Developing effective learning strategies and study habits is an important part of the college experience and enhances mastery of the concepts covered. Discussion and reflection contribute to growth both personally and academically.

### Course Description

This course provides intensive instruction and practice in the core mathematical skills, competencies, and concepts necessary for success in MATH 300 (Introduction to Mathematical Ideas). Students taking this course must be concurrently enrolled in the corresponding section of MATH 300. The content of this course is designed to provide arithmetic and algebraic support to students as they learn related concepts in their corequisite course. Topics and homework assignments are often connected to assignments in the corequisite course. This course is graded Pass/No Pass.

### Prerequisite

There is no prerequisite for this course. This course is corequisite to Math 300.

**If you are given a permission number to add the class, you must enroll by the 2<sup>nd</sup> class meeting or your spot may be given away.**

### Required Materials

In addition to the materials for the Math 300 course, **you will need to pick up** a packet of handouts to accompany this course. This packet is free and will be available in the MLC. (If you are unable to come to campus, you can print out your own copy from MyMathLab or using this link: [Handout Packet](#).)

### Attendance

Class meetings for classes on M/W and T/Th are held two days each week. Class meetings for classes on Friday or Saturday are held one day each week. During class you will complete assignments, often in a group setting. You should **bring your handout packet** to class each week.

## Getting Help

If you are working in a group, then your group members are your primary source of help. It is important that group members work on problems together and provide help to each other when needed. If your entire group needs help, then the designated “initiator” should ask your instructor or a tutor (if available) for help. In addition to class time, the MLC is open with tutors on duty during the hours shown in your Canvas course.

## Course Assignments & Grading

### ***Success Skills Assignments (15% of your grade, lowest score dropped)***

These assignments, designed to help you develop tools for success, will be completed in Canvas. Topics will include time management, accessing tutorial support in the Math Learning Center, mindset, strategies for dealing with test anxiety, and exam preparation. *No work may be submitted past the due date.*

### ***Participation (15% of your grade, lowest 2 scores dropped)***

Each week during class, assignments (in the form of “support handouts”) will be given which are designed to support your understanding of concepts taught in the corresponding modules in the corequisite (Math 300) course. These often will be completed in a group setting. Participation credit will be awarded based on your level of engagement and assignment completion.

### ***Support Checks (20% of your grade)***

Following each support handout, you will complete a “support check” assignment in MyMathLab to check your understanding of key concepts. Multiple attempts on each problem will be allowed to demonstrate mastery. You will need to score **90%** before going on to the next support check assignment. All support checks must be completed by the last day of module testing. (Note: You can always continue making progress in the Math 300 course even if you have not finished a support check assignment.)

### ***Support Quizzes (20% of your grade)***

When you have achieved mastery (90%) on the support checks for a module, you will take the support quiz for that module to assess your mastery level of the support concepts covered in the module. Multiple attempts will be allowed to prove sufficient mastery, and you will need to score at least **70%** on each support quiz before taking the next one. All support quizzes must be completed by the last day of module testing. (Note: You can always continue making progress in the Math 300 course even if you have not finished a support quiz.)

### ***Workbook (20% of your grade)***

As you watch videos in MyMathLab, you will fill in pages in the accompanying workbook included with the Math 300 curriculum. You show your instructor the pages from your workbook as you complete them. Your instructor will communicate expectations for workbook completion. (Note: The workbook counts for extra credit in Math 300, but is required for the support course.)

### ***Sample Final Exam (10% of your grade)***

This single assignment counts for 10% of your overall grade, so you should do your best. More importantly, it will help prepare you for the Math 300 final exam. You can attempt problems as many times as you would like to. As you complete it, you should discuss any questions you have with your instructor or with an MLC tutor.

## **Grades**

Your overall course average will be calculated as follows:

Success Skills Assignments:	15%	
Participation:	15%	<b>Pass:</b> 69.5% - 100%
Support Checks:	20%	<b>No Pass:</b> 0% - 69.5%
Support Quizzes:	20%	
Workbook:	20%	
Sample Final Exam:	<u>10%</u>	
Total:	100%	

Note: if you earn a grade of W or No Pass in the course this semester and re-enroll next semester, you will receive credit for successfully completed Support Checks and Support Quizzes up through the last Support Quiz you successfully completed. No other credit from the previous semester will be awarded.

## **Pacing**

When you finish the Math 300 course (by taking the Final Exam), your grade in both Math 300 and MathS 95 will be determined at that time. No additional points may be earned in MathS 95 after taking the Math 300 Final Exam. Please see your Due Date Calendar linked in your Canvas homepage for a list of weekly assignments and deadlines.

## Drop Policy

You may be dropped from the course by your instructor for any of the following reasons:

- Failing to attend the mandatory orientation on the first day of class
- Failing to participate in **two** classes during the semester
- Failure to complete MathS 95 assignments on a regular basis

**If you drop or are dropped from MathS 95, you will also be dropped from the corequisite Math 300 course. If you drop or are dropped from the corequisite Math 300 course, you will also be dropped from MathS 95.**

## Learning Outcomes and Objectives

*Upon completion of this course, the student will be able to:*

- apply learning strategies to achieve success in Introduction to Mathematical Ideas (MATH 300).
- use support mathematics skills to identify appropriate procedures and solve exercises from selected mathematical topics.
- use support mathematics skills to apply critical thinking skills to solve exercises in new settings.
- use support mathematics skills to explain the process and results of several mathematical procedures.

By enrolling in this course, you agree to follow all the policies explained in this syllabus. Note also that everything in this syllabus is subject to change as needed. Please attend each class meeting to be aware of any changes.

You should also be aware that while all MLC faculty members follow this syllabus, each instructor will have different ways of handling the details regarding checking in with students, looking at the workbook pages, taking roll, etc. You are expected to follow the directions and procedures that your instructor uses.