Syllabus for MATH 1113: Precalculus
Fall 2021
CRN: 86959-006 & 92790-004

MyLabMath Course ID: miller02252 (You will need this code to access the on-line components of the course.)

ATTENDANCE REQUIRED FOR ONLINE SYNCHRONOUS SESSIONS

1) **Synchronous Online Class time via WebEx: Friday at 11:00-11:50 am**
   To join online WebEx lecture: Go to your iCollege course-Click on WebEx tab, then go to Lecture link under Virtual Meetings menu item.

2) **Virtual MILE–Sessions:** Students are encouraged to devote the time slot **Monday & Friday 12:30 -1:45 pm** to work on the MyLab Math. To earn full credit for the MILE Session: you must spend at least 150 minutes each week. You will have access to the MILE and MAC lab for one-on-one help; details will be announced in iCollege. It is recommended to visit the MILE lab frequently to get a deeper understanding of the materials with the help of the MILE assistants and your MLM/MILE required Asynchronous Participation worth 6.7% of final grade.

I will be available for additional help during **Fridays 12:15-1:15 pm** with MyLab Math as well. My online WebEx office link is only a click away: https://gsumeetings.webex.com/meet/jmiller208

ADMINISTRATIVE INFO:
Instructor: Joshua Miller
WebEx Office: https://gsumeetings.webex.com/meet/jmiller208
E-mail: jmiller208@gsu.edu
Office hours: Tuesday and Thursday 10:00-12:00, which can be in person (25 Park Place, Office 1427) or by WebEx
E-mail communication with your instructor from anywhere other than GSU official account will not be given any consideration and will be discarded.

Prerequisite: A grade of C or higher in MATH 1111 or an appropriate score on the Math Placement Test/SAT is required or an approved transfer credit for MATH 1111 or equivalent course or departmental approval.

Welcome to Precalculus course. This course covers a variety of Precalculus topics that include trigonometric functions, identities, inverses, and equations, polar coordinates, vectors, conic sections etc. This course provides an in-depth review of the properties of algebraic, exponential and logarithmic functions as needed for calculus as well. See the detailed description of our course content standards for MATH 1113 on MyLab Math.

REPEAT LIMITS: Effective Fall 2019, MATH 1111, 1113 and 2211 already have repeat limits as follows: After completing the course **two times** (first attempt and one retake), students will need to petition the university for approval to retake the course a third time. Students will need to submit the petition to the University Advisement Office, 5th floor of 25 Park Place.
Withdrawals (excluding those for non-payment and other non-academic withdrawals) will count as an attempt. This policy will be counting **all** previous attempts, both taken here and at Perimeter.

Additional Info: MyLabMath (**MLM**) is an online software program that can be accessed at https://www.pearson.com/mylab. Homework, quizzes, problem solving, tests, and the final are all done using MLM. Tests and the Final Exam will be taken online on iCollege. MLM has a variety of features available to help you master the course material. These features include videos, an

interactive textbook, and interactive homework problems that provide immediate feedback and guided help. To register for MyLabMath, you will need the course ID (this is not the GSU CRN) given above and an access code along with your textbook (optional).
The MILE (Mathematics Interactive Learning Environment) in 301-UL (Urban Life Building) is our computer lab for Support for College Algebra (MATH 0999), College Algebra and Precalculus. The physical location is down the hall from the Georgia State University book Store.
The **Online MILE** help will be available during Fall 2021. Detailed instructions will be posted on iCollege and MyLab Announcement.

Administrative Withdrawal: The Department of Mathematics and Statistics checks the computer records to determine whether or not each student has met the prerequisites for this course. If you do not have the prerequisites, please inform your instructor, drop this class and change to another course right away. If our computer search finds that you do not have the prerequisites, you must drop (or withdraw after the first week of the semester) this course or you may be withdrawn automatically by your instructor.

Other Faculty Initiated Withdrawals: If you stop attending the course before 12 October 2021 (W-day), you may be administratively withdrawn from the course and receive a withdrawal grade. Attending the course implies consistent and active academic involvement in MLM. This includes any or all of the following items:

1. You must have a full access paid subscription of MLM account by **September 7, 2021** and average of at least 50% for Lessons 1 – 7 by October 8, 2021. If you fail to do any of these, you will be withdrawn for "stopped attending."
2. If you do not register for MLM with your instructor's course ID during the first two weeks of the semester, you may be administratively withdrawn from your class for non-attendance.
3. If you create an MLM account and have an average less than 50% for Lessons 1 & 2 by the end of the 2nd week, you will be withdrawn for non-attendance.

- **Textbook: College Algebra and Trigonometry,** by Lial, Hornsby, Schneider, Daniels ***7th edition:*** **Course Materials** (one of 2 items):

    1) 18 week Access
    MyLab Math with eText = ISBN 9780135923221, also available online at mymahlab.com (**Required**)
    OR
    1. If you prefer to purchase a hard copy of the textbook, you may purchase the package for Georgia State University & loose leaf textbook
    MyLab Math with eText + **Looseleaf** = ISBN 9780136857204
    (This value pack includes MyMathLab Access Code and hard copy of textbook) (Optional)

Visit https://www.pearsonmylabandmastering.com/northamerica//students/get-registered/index.html **for detailed info on MyLab Math registration with your purchased access code**. (Click "Registering and Enrolling in your course" under the Student Menu). You **MUST** use the **school zip code – 30303** and the **GSU official Email account** to sign up for MyLabMath.

IMPORTANT NOTES:

- During the MyLab Math upgrades or in case MyLabMath.com site is not available, registered MyLab Math users can access their courses that are powered by XL, which includes: homework, tests,

tutorials, study plan and gradebook areas. Go to the special login page to enter your login name and password.
MyLab Math -- **http://www.mathxl.com/login_MLM.htm**

- Since Georgia State University does not support MyLab Math (Pearson Education- the publisher of the textbook supports this software), it is the responsibility of the student to use the resources above to resolve all technical issues independently of the University. Georgia State University and its faculty are not responsible for outcomes due to individual technical issues, nor scheduled MyLab Math downtime. It is expected that the student will be responsible for completing their work in a timely fashion as to alleviate any pressures these scheduled downtimes occur. All students will be notified of these downtimes through the announcements page of the course.

    - Support Website: https://support.pearson.com/getsupport/s/

- Click "**All Announcements**" on the Announcements page of *MyLab Math* **DAILY**. Also check your GSU email regularly. These announcements and emails are the main forms of communication and you should stay current.

Class Structure and Assessments:

Details on the class structure may be found in MLM under ***Important Course Documents and Policies***.

Attendance Policy

Since this is an online class with the asynchronous lab component (breakout sessions), you are responsible for actively participating online. Attendance credit for the lecture session or breakout cannot be made up for the previous weeks.

Synchronous Online "In-Class" Attendance Policy

1) **Synchronous Lecture Attendance** scheduled for **Friday at 11:00-11:50 am on WebEx.** The link is available on **iCollege WebEx** tab.
Attendance and participation are fundamental elements of our classes, thus it is expected that you will attend your scheduled WebEx class session each week, for the entire time and actively participate. A list of participants in the session is automatically generated by WebEx. The file WebEx creates includes your name (unless you are a "call in" user) as well as the length of time you were in the session. To be considered in attendance, you must be in the session at least 45 minutes of the 50 minute session.
Class attendance worth 3.3% of your final grade.
You will be allowed one (1) absence without it adversely affecting this grade.

   If you miss 4 or more of these WebEx sessions by the mid-point of the semester (October 12th), you may be administratively withdrawn for "stopped attending," even if you are actively working in MyLabMath.

Asynchronous "MILE/MLM" Attendance Policy

2) Active and consistent engagement in MyLabMath (MLM) is also expected. MLM houses all homework and content quiz assignments, in addition to other learning tools (additional videos, power points, and etext). It is expected that you will spend at least 2.5 hours each week working on these homework and quizzes. You may choose any time during the week to complete your required hours, but we suggest doing this work during your scheduled "breakout" sessions (as listed in PAWS) to ensure your successful completion of this weekly

requirement. For purposes of grading, each week starts at 12:01am Tuesday and ends at 11:59pm Monday the following week.

You will be allowed one (1) week's "absence" without it adversely affecting this "MILE" attendance grade. This grade will count for 6.7% of your final grade.

You will have weekly online homework and quizzes in MLM. Please check the due dates from ***MLM Calendar – Check Due Dates*** tab on MLM. Weekly assignments are due on Monday at 11:59 PM of following week with the exception of Lesson 2 assignments due on Tuesday, September 7th due to Labor Day holiday.
Along with the homework and quizzes, there will be extra credit online assignments Pre-QL and Post-QL
There are Test Review Quizzes for credit.
There are four scheduled exams and a comprehensive mandatory final exam. The exam delivery will be administered through iCollege using the Respondus Lockdown Browser+Webcam setup. Detailed instructions will be sent out later. You also have the opportunity to earn extra credit by completing Quiz Me assignments of the Study Plan on MLM. Please refer to the Extra Credit Opportunities section below.

WITHDRAWAL: Friday, October 12, 2021 is the last day for regular withdrawal.

GRADE CALCULATION

Your course grade will be determined based on the following formal assessments:

4 Tests (10% each)	40%
Homework	10%
Quizzes	10%
MLM/MILE required Asynchronous Participation	6.7%
Synchronous Class Attendance	3.3%
Test Review Quiz on MyLabMath	5%
Final Exam	25%
	100% total

NOTES:

- One homework grade and one quiz grade will be dropped at the end of the semester before your final grade is calculated.
- If your Final Exam score is higher than your lowest test score, it will replace the lowest test score in the determination of your final grade.
- If you miss an exam it will be replaced by your final exam score.
- The overall average in your MLM grade book may be incorrect. Overall score may not be shown on MyLabMath Gradebook. You should calculate your overall average according to the statement in the syllabus! Please note that your homework average and quiz average are correct ONLY after work not attempted has been assigned a 'zero'.

EXTRA-CREDIT OPPORTUNITIES

There are two extra credit quizzes given in this class, Pre-QL (at the beginning of the semester) and Post-QL (at the end of the semester). Each of these quizzes has 7 questions. You get only one attempt on each. The number of questions you get right will be added to your test scores when calculating your final average.

We will be trying something new this semester utilizing the Study Plan feature in MLM. The Study Plan provides individualized assistance to help you master individual learning objectives. Every objective has associated with it a "Mastery Point". There are total of 235 Mastery Points (MPs) available in MATH 1113. The more MPs you earn, the more extra credit you can earn! Successful completion of problems (homework, quizzes, other study plan problems and "quiz me"s) earns you credit towards the MPs. At the end of the semester we will take the percentage of MPs you earned to award you extra credit points that will be added to your test scores, just like the Pre and Post QL points! At the end of the semester we will take the percentage of MPs you earned to award you extra credit points that will be added to your final average! See the example below to see how this will work.

EXAMPLE OF FINAL GRADE COMPUTATION:

The Final Grade is computed by using the following method:
10% of Homework + 3.3% of In-class Attendance + 6.7% of MILE Attendance + 5% of Test Reviews + 10% of Quiz + 10 % of (Test 1 + Test 2 + Test 3 +Test 4 + Pre QL + Post QL) + 25% of Final Exam

A SAMPLE FINAL GRADE COMPUTATION IS SHOWN BELOW:

Homework: 90	Quiz Average: 78
In Class Attendance: 100	MILE Attendance: 100
Test Reviews: 91	MAC Attendance: 10/20 = 0.5
Test Grades: T1 = 88, T2 = 72, T3 = 0 (missed), T4 = 68	
Final Exam: 74	MPs: (120/235)*10 = 5.1 pts
Pre QL: 4 pts.	Post QL: 5 pts.

Final Grade = .10*90 + .033*100 + .067*100+.05*91+ .10*78 +.40*(88 +72+ **74** + 68+9)/4 + .25*74 = 80.95
Note: In this case the final exam grade replaced the missing test grade.
Adding in the MPs and MAC Attendance: 80.95 + 5.1 +0.5 = 86.55 rounds off to 87 (B+ instead of a B-)

GRADING SCALE:

Grade	**A+**	**A**	**A-**	**B+**	**B**	**B-**	**C+**	**C**	**D**	**F**
Range	97-100	93-96	90-92	87-89	83-86	80-82	77-79	70-76	60-69	0-59

ROUNDING:
When determining the final average, grades will be rounded in the usual way. For example, a grade of 86.5 will be rounded up to an 87, but an 86.4 will not be rounded up.

TECHNOLOGY SUPPORT Students who need additional technology support should consult CETL: https://cetl.gsu.edu/resources/resourcesfor-learning-remotely/

CALCULATOR POLICY: You are allowed to use a scientific calculator or a TI-84 or comparable graphing calculator for tests administered through *icollege*. You are NOT allowed to use any calculator with a computer algebra system, including any TI Inspire type calculator. You must show the calculator during your "environment check" during the lockdown browser startup.

MAKE-UP POLICY: As your final exam will replace your lowest test grade, no make-up exams will be given. There will be NO makeup quizzes. If you miss the due date for a quiz or homework for any reason, you may work on them after their original due date with a 10% penalty (applied only to problems worked after the due date). Note that you will lose one quiz attempt (out of the original 3) if you do not attempt the quiz by the original due date. **All work must be completed by 11:59 PM December 6, 2021.** There will be **NO extension** on this final submission due date under any circumstances.

STUDENT ACCOMMODATION FORM: Students enrolled in MATH 1113 course MUST provide the proper documentation of R.I.T.A. form and the Accommodation letter in a timely manner through Office of Disability Services (ODS) as per ODS Exam protocol. Students eligible for extra time will be given additional time for the tests as indicated in the Letter of Accommodation. However, no additional arrangement will be made for due date extensions for any assignment, and the time and number of the quiz attempts as all these privileges are already incorporated in the quiz assignments.

Academic Integrity:

Cheating/plagiarism will not be tolerated on any work. A first occurrence will result in a grade of 0 on the assignment for all concerned parties as well as an Academic Dishonesty form being filed with the Dean of Students. A second occurrence will result in a grade of F for the course for the concerned parties and a second Academic Dishonesty form being filed. The complete Academic Honesty Policy may be found at https://codeofconduct.gsu.edu/.

Your constructive assessment of this course plays an indispensable role in shaping education at Georgia State. Upon completing the course, please take time to fill out the online course evaluation

This course syllabus provides a general plan for the course, deviations may be necessary.

Important Dates:

23 August	First Day of the Semester
15-17 September	Exam 1 (Sections 2.3, 2.6-2.8, 4.1-4.3)
6-8 October	Exam 2 (Sections 5.1-5.4, 6.1 – 6.6)
12 October	W – Day
November 22-26	Thanksgiving break
27-29 October	Exam 3 (Sections 7.1 - 7.6)
17-19 November	Exam 4 (Sections 8.1 – 8.4, 8.7)
6 December	Last Day of the Semester – ALL WORK DUE!!
7-10 December	Final Exam dates (Comprehensive)