

Co-Req Support for Math Applications for Business – Spring 2022

***MATH 105-706 CRN 45268 with MATH 123-001/002 M 3:25 – 4:45 pm
ZOOM delivery**

Instructor: R. L. Ayers

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Office Hours: 11:30 am – 3:00 pm on M, 11:30 am – 2:00 pm MW, 11:30 am – 12:30 pm TR, 2:30 – 3:30 TR. I can be available other times via a simple email request. I will also do a zoom meet with an email request.

Course Description: Co-requisite support for students in Math 115C, Math 116C, or Math 123. Topics include functions, graphs, and fundamental concepts of algebra. This course is required for students taking MA 115C, MA 116C, or MATH 123 that would have previously been placed in DMA 096C. The purpose of this class is to provide extra practice and opportunities for students to get help in building basic skills that will support the MATH 123 course. This extra help will be delivered into a Study Plan feature via MyLab Math that will be used in your MATH 123 course.

Co-Requisite: MATH 123 if

- your Math ACT score is below 22 or your Math SAT score is below 560
- AND your WKU Math Placement Exam (MPE) score is below 14

Required Technology: MyLab Math access. You will be required to access this platform and you will be given the access code in your MATH 123 co-requisite course. There is NOT an additional fee. MATH 105 is embedded within the MATH 123 course.

MyLab Math courseID is: ayers81342 **BECAUSE YOU ARE REQUIRED TO BE IN MATH 105 and MATH 123. You do not need another code or a book.....**

Calculator: Each student is required to have a graphing calculator for use in class and for assignments. TI-84 are preferred, and instruction for these models will be given. **PROHIBITED CALCULATORS include: TI-89, TI-92, Casio FX-115 series, Casio FX-991 series, and any calculator with CAS capability.** Cell phone calculators are also prohibited! Smart watches are also not prohibited. If your preferred calculator is not listed in this section, verify its acceptability with your instructor!

Attendance: **Participation** in this course is crucial to your success. Of course, with COVID-19 this is an issue. This course will have a web delivery via zoom at a specific day and time. However, it is important to stay focused and diligent in your completion of all material.

Study Plan and the Pre-Quizzes is the work for the MATH 105!!!!: The amount of work that you have in the study plan will depend on your mastery of the objectives.

Course Grade: Your course grade in MATH 105 will be based solely on your grade in the STUDY PLAN. The grade you receive in this course will be determined by the following:

Final grades will be assigned as follows:

A	90 - 100
B	80 - 89
C	70 - 79
D	65 - 69
F	65 and below

Important Dates:

March 3 First Bi-term ends.

March 14 – 18: Spring Break

April 5: the last day to withdraw from a course with a grade of “W” or change from credit to audit.

May 2 – 6: Finals week

NOTE: I do not use the LMS of Blackboard for reporting your grade. You will always be able to see your grade in MLM. At the end of every week, I will enter the gradebook and submit zeros for assignments that are past due. BUT, DON'T FEAR you WILL be able to improve that score beyond the due date. You must make the effort.

Math Lab: The mathematics laboratory is located on the second floor of COHH. The math lab can be found at COHH 2124. As the semester begins, the tutoring lab hours will be limited to the following:

Mondays and Wednesday 9:00 – 10:00 am, 1:00 pm – 4:30 pm; Tuesdays and Thursdays 10:00 am - 4:30 pm, and Fridays 9:00 – 10:00 am. The first day it will open is Wednesday, January 19.

Math Testing Center: The mathematics testing center is located on the second floor of COHH in 2126. The testing center is the location where all retakes of exams are given. Monday – Thursday 8 am to 6 pm and Friday 8am to 5 pm.

Emails pleading for extra credit opportunities and/or mercy regarding final grades will not be answered. You can be successful in this course. You establish your Math Mindset on day one!

I want to be available to help you! It is best to email me and request a zoom met. Do not wait until you are falling behind or struggling. You may also email me with questions or concerns. I do usually turn my email to do not disturb between the hours of 8 pm and 8am and very seldom on the weekends, I do not always check email. Whenever you send me an email requesting my assistance, I will respond to your request as quickly as possible usually within 48 hours.

Academic Dishonesty: Academic dishonesty will not be tolerated. This includes any form of cheating or plagiarism. The policy is found on the web at <http://www.wku.edu/coursecatalog/index.php?subcategoryId=75>

Academic Dishonesty —Students who commit any act of academic dishonesty may receive from the instructor a failing grade in that portion of the coursework in which the act is detected or a failing grade in the course without possibility of withdrawal. The faculty member may also present the case to the Office of Student Life for disciplinary sanctions. A student who believes a faculty member has dealt unfairly with him/her in a course involving academic dishonesty may seek relief through the Student Complaint Procedure.

Plagiarism —To represent written work taken from another source as one's own is plagiarism. Plagiarism is a serious offense. The academic work of a student must be his/her own. One must give any author credit for source material borrowed from him/her. To lift content directly from a source without giving credit is a flagrant act. To present a borrowed passage without reference to the source after having changed a few words is also plagiarism.

Cheating —No student shall receive or give assistance not authorized by the instructor in taking an examination or in the preparation of an essay, laboratory report, problem assignment or other project which is submitted for purposes of grade determination.

Title IX Misconduct/Assault Statement: Western Kentucky University (WKU) is committed to supporting faculty, staff and students by upholding WKU's [Sex and Gender-Based Discrimination, Harassment, and Retaliation](#) (#0.070) and [Discrimination and Harassment Policy](#) (#0.2040). Under these policies, discrimination, harassment and/or sexual misconduct based on sex/gender are prohibited. If you experience an incident of sex/gender-based discrimination, harassment and/or sexual misconduct, you are encouraged to report it to the Title IX Coordinator, Deborah Wilkins, 270-745-5398 or Title IX Investigators, Michael Crowe, 270-745-5429 or Joshua Hayes, 270-745-5121. Please note that while you may report an incident of sex/gender based discrimination, harassment and/or sexual misconduct to a faculty member, WKU faculty are "Responsible Employees" of the University and MUST report what you share to WKU's Title IX Coordinator or Title IX Investigator. If you would like to speak with someone who may be able to afford you confidentiality, you may contact WKU's [Counseling and Testing Center](#) at 270-745-3159.

ADA Accommodation Statement In compliance with University policy, students with disabilities who require academic and/or auxiliary accommodations for this course must contact the Student Accessibility Resource Center located in Downing Student Union, Room 1074. The SARC can be reached by phone number at 270-745-5004 [270-745-3030 TTY] or via email at sarc.connect@wku.edu. Please do not request accommodations directly from the professor or instructor without a faculty notification letter (FNL) from The Student Accessibility Resource Center.

Face Coverings: All students are strongly encouraged to [get the COVID-19 vaccine](#). Out of respect for the health and safety of the WKU community and in adherence with CDC guidelines and practices of all public universities and colleges in [Kentucky](#), the University requires that a cloth face covering (reusable

or disposable) that covers both the nose and mouth must be worn at all times when in public areas within all buildings. Students must properly wear face coverings while in class regardless of the room size or the nature of the classroom activities. Students who fail to wear a face covering as required will be in violation of the WKU Student Code of Conduct and will be asked to comply or will face disciplinary action, including possible dismissal from the University. Accommodations can be requested in special cases through the Student Accessibility and Resource Center ([SARC](#)): [270-745-5004](tel:270-745-5004) (voice), [270-745-3030](tel:270-745-3030) (TTY), or [270-288-0597](tel:270-288-0597) (video).

All students must immediately report a positive Covid-19 test result or close contact with a person who has tested positive to the Covid-19 Assistance Line at 270-745-2019. The assistance line is available to answer questions regarding any Covid-19 related issue. This guidance is subject to change based on requirements set forth by public health agencies or the office of the governor. Please refer to the Healthy on the Hill website for the most current information. www.wku.edu/healthyonthehill

What is the MyLab Math Study Plan?

Here is how it works:

Do Study Plan ➡ Attempt the Pre-Skills Quiz ➡ Do the Homework for MATH 123

The Study Plan emphasizes skills that will support and supplement the MATH 123 homework assignments. Throughout the course, you will be presented with “Skills Pre-Quizzes” that unlock access to homework assignments. The pre-quizzes will send you to the Study Plan to achieve mastery on certain objectives if you have not already earned the mastery points.

By looking under the **Prerequisites** tab, you can see exactly which skills need to be mastered to grant access to the pre-quizzes.

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Study Plan

Prerequisites Progress All Chapters

Show Study Plan for Section 1.1 Skills Pre-Quiz (unlocks 1.1 HW) MP Earned 0/3

Earn at least 3 mastery points (MP) to begin Section 1.1 Skills Pre-Quiz (unlocks 1.1 HW).
Practice the objectives, then take a Quiz Me to earn MP

Objectives

- ARF.1 Review of Real Numbers and Operations**
 - Convert among fractions, decimals, and percents. Practice Quiz Me
- ARF.2 Review of Algebra Basics**
 - Combine like terms. Practice Quiz Me
- ARF.3 Review of Linear Equations and Inequalities**
 - Solve linear equations using the addition or multiplication properties. Practice Quiz Me

In some cases, you can click directly on the **Quiz Me** button and take a five-question quiz to see if you already know how to perform the task. If the Quiz Me button is not clickable, the Study Plan wants you to **Practice** some problems first.

After you have achieved the necessary Mastery Points, you can go back to your main assignment list and take the associated Pre-Quiz.

Not all the Study Plan objectives are covered in the pre-quizzes. To see all the Study Plan objectives, you will be responsible for mastering, click on the **Progress** tab.

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Study Plan

Prerequisites **Progress** All Chapters

Objectives:

Mastery points earned	0/112	★ Recommended study
Practiced, not yet mastered	0	
Remaining	112	

Ch. ARF: Additional Review Topics for Finite Mathematics

★ ARF.1	★ ARF.2	ARF.3	ARF.4	ARF.5
ARF.7	ARF.8			

Ch. ARC: Additional Review for Applied Calculus (Online Only)

ARC.1	ARC.4	ARC.7	ARC.9
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Ch. 1: Linear Equations and Graphs

1.1	1.2	1.3
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Ch. 2: Functions and Graphs

2.1	2.2	2.3	2.4	2.5
2.6				

As you see above, there are 70+ objectives that you will be working on for Mastery. You can earn Mastery Points by going directly to the Study Plan and clicking on a section box (e.g. ARF.1, ARF.2 etc.) and doing the Practice/Quiz Me for that section.

When we begin doing regular homework in Chapter 1, you will also earn some mastery points by getting problems correct in your homework. So, getting good scores on your homework assignments will also help you out on your Study Plan!

If you would like to get a head start on the semester, you can work on the Ch. ARF, Ch. ARC, and Ch. A Study Plan objectives.

I encourage you to go ahead and try the Study Plan. You get unlimited attempts for mastery, so you cannot mess anything up by trying.

We will discuss further in our first class meeting.

REMEMBER, the STUDY PLAN is your grade for MATH 105!!!!