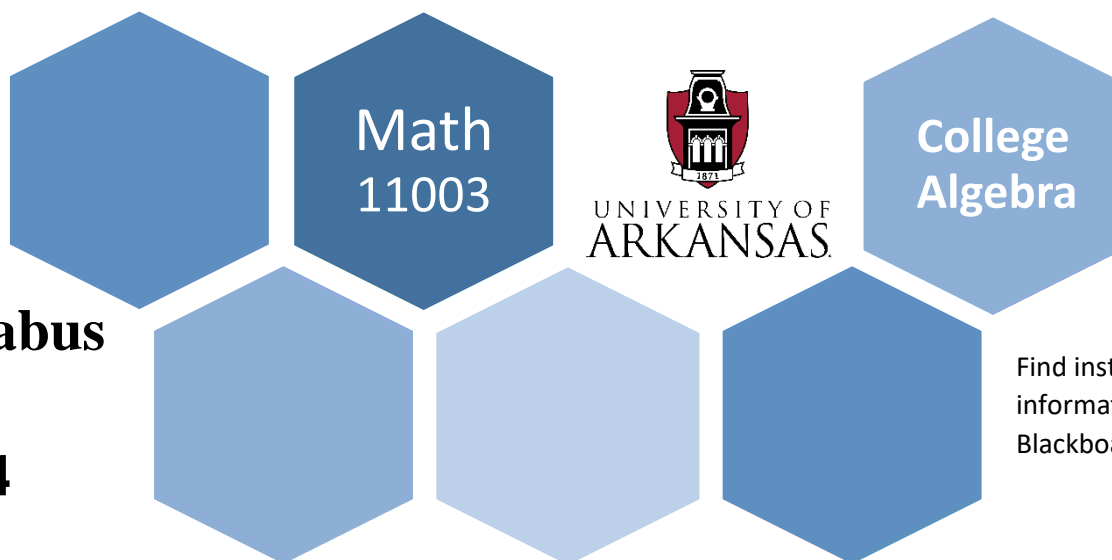


Syllabus Fall 2024



Course Description:

In this course students will explore College Algebra via real world applications and mathematical modeling, building confidence in problem solving and increasing number sense through the use of technology and active learning.

After successfully completing Math 11003, students will have the ability and habit of mind to search out quantitative information, critique it, reflect upon it, and apply it in their public, personal, and professional lives; formulate decisions and problem solving based on critical reasoning and analysis; synthesize quantitative information from a variety of sources to solve problems and interpret results; perform and solve basic function operations, and solve algebraic problems using appropriate vocabulary.

Students will be able to

- a. employ college level algebraic concepts and tools;
- b. apply these tools to other subject areas and real life problems;
- c. formulate and solve quantitative problems in mathematical terms, using appropriate tools and methods;
- d. use mathematical computation involving integers, rational numbers, algebraic expressions, decimals, ratios, percentages, roots, and powers;
- e. express quantitative and logical ideas with precision, using the language and notation of Mathematics.

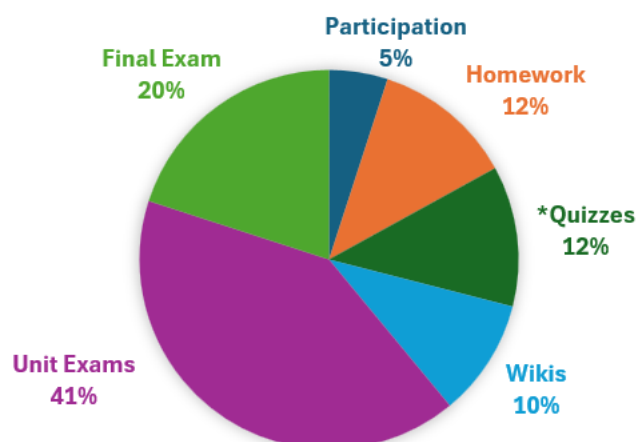
Materials

(Required) ALEKS access. You will be automatically enrolled in ALEKS and the price will be added to your university account. Do not purchase a separate software code and do not opt out.

TI-84 is the only calculator available for use in the math testing center and is highly recommended. There are similar smartphone apps available for home and classroom use.



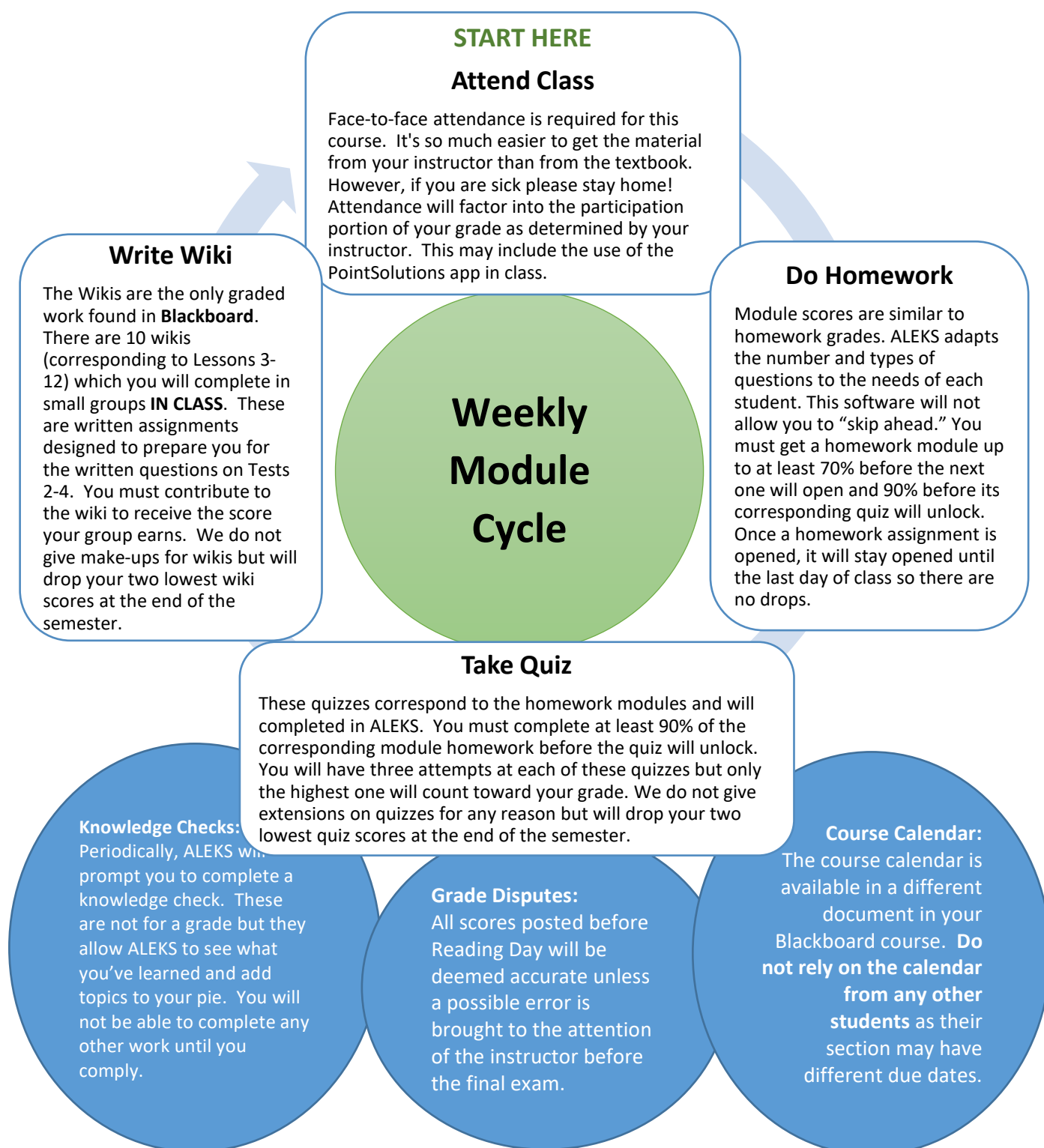
OVERALL GRADE



*Indicates there is a prerequisite assignment.

The **overall grade** will be the weighted average of the above categories. Letter grades will follow a 90-80-70-60 scale. **There is no bonus, no rounding, and no curve in this course.** The grading scale is subject to change at the discretion of the course coordinator. **Final grade comes from the ALEKS gradebook.** Your assignment grades will appear in Blackboard, but the overall grade may not be

This course is divided into **13 modules**.
Each module has the following assignments.



NOTE: The coordinator reserves the right to make changes to the syllabus as needed.
If changes are made, you will be notified of the changes in class or by your university e-mail address.

Getting started with ALEKS

First Day Access

Once you are enrolled in this course you will be automatically enrolled in the ALEKS course and its price will be added to your university account automatically. Look for an email from the bookstore regarding inclusive access. Please do NOT opt out as you will lose access to all the assignments in ALEKS.

Course Entry Quiz

The first task to complete in ALEKS is the Course Entry Quiz which covers material from this course syllabus and the Testing Center Guidelines. You will be required to earn a 100% on this quiz before any other assignments will open.

Preassessment

All college algebra students are **REQUIRED** to take the Preassessment at the beginning of the semester. It has no impact on your grade and is only used for statistical purposes by the university and the state of Arkansas. However, Quiz 2 will not unlock for you in ALEKS until after you take the preassessment. You will take it in the Math Testing Center in CHPN 327 using your ALEKS account. You will be allowed 30 minutes to complete this assessment.

Troubleshooting

If you have any trouble with ALEKS, please read the FAQ page at <http://mrtc.uark.edu>.

ALEKS Tests 1

All tests will be taken in the math testing center in CHPN 327. This first test you will have 60 minutes to complete and it will be comprised entirely of ALEKS topics from the first two modules.

ALEKS Tests 2-4

These tests will be taken in the math testing center in CHPN 327. These tests will be comprised mostly of ALEKS questions, but there will also be two or three written questions based on the wikis you did in class. You will have 75 minutes to complete each of these tests.

Exams

Make-up/Retake

Each student may make-up or retake **ONE** of the first four tests on make-up day which is on the course calendar. There are **no make-ups** for the make-up day.

Final Exam

The final exam is required and will be taken in ALEKS in the testing center. You will have 100 minutes to complete it during finals week. There are no written questions on the final exam.

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FREE TUTORING

PROVIDED BY MATHEMATICS
FACULTY & GRADUATE STUDENTS

- Digital "Queue" means getting help without ever raising your hand.
- Bring your own device or use one of ours.
- Get more info at mrtc.uark.edu

CHPN 326

Hours
posted at
mrtc.uark.edu

All tests will shut off 75 minutes after the testing center closes (100 minutes during finals week).

Students must abide by all of the rules of the testing center including but not limited to those listed here.

You will use the computers and TI-84 calculators provided by the Testing Center. No personal devices will be allowed.

Math Testing Center CHPN 327

Mobile phones and smart watches are not allowed in the testing center. Please turn them off and leave them in the lobby in the lockers provided.

You must present a valid **University of Arkansas ID** in order to be allowed to take a test. No other forms of ID will be accepted.

Exams are timed and include 10 minutes for computer entry and 15 minutes for possible internet issues.

The Student Success Center also offers free tutoring in the CORD building.

Success.uark.edu

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If changes are made, you will be notified of the changes in class or by your university e-mail address.

Academic Honesty



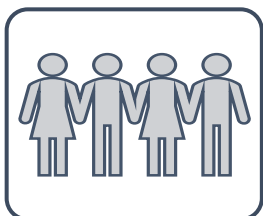
• Academic dishonesty will not be tolerated. “As a core part of its mission, the University of Arkansas provides students with the opportunity to further their educational goals through programs of study and research in an environment that promotes freedom of inquiry and academic responsibility. Accomplishing this mission is only possible when intellectual honesty and individual integrity prevail.” Each University of Arkansas student is required to be familiar with and abide by the University's Academic Integrity Policy, which may be found <https://honesty.uark.edu/policy/index.php>. Students with questions about how these policies apply to a particular course or assignment should immediately contact their instructor.”

Access



• Under University policy and federal and state law, students with documented disabilities are entitled to reasonable accommodations to ensure the student has an equal opportunity to perform in class. If any member of the class has such a disability and needs special academic accommodations, please report to the Center for Educational Access (CEA). Reasonable accommodations may be arranged after the CEA has verified your disability. Students who are registered with the Center for Educational Access must meet with the instructor by the end of the first week of class, or within one week of registering with the CEA to discuss their accommodations. This must be done before you utilize your accommodations. Do not hesitate to contact your instructor if any assistance is needed in this process.

Class Etiquette



• Students and instructors each have an important role in maintaining a classroom environment optimal for learning, and are expected to treat each other with respect during class, using thoughtful dialogue, and keeping disruptive behaviors to a minimum. Both students and faculty perceive abusive language directed towards others as the most disruptive behavior. Other behaviors that can be disruptive are chatting and whispering during class, the use of smartphones or laptops for texting or in other ways unrelated to the course, preparing to leave before class is over, and consistently arriving late to class. Inappropriate behavior in the classroom may result in a request to immediately leave the classroom and/or a referral to the Office of Academic Integrity and Student Conduct.

Technology Use



• This course has an online component and you are expected to ensure that you can access all course material on a regular basis either from the university or from home. Additionally, certain technical abilities will be required, such as installing necessary plug-ins, and upload files. **If you have a problem with a personal computer or interrupted network connection, you are still responsible for submitting your work on time!** There are many computers stationed all over campus that are available for student use. Cell phones, iPads, or any device that may distract from the class should be turned off before class begins unless instructed otherwise and may not be on the desk during class or tests.

Communication



• Your instructor will most often communicate with you through email. These communications could contain information crucial to your success in this course. Please check your email at least once every 24 hours.

NOTE: The coordinator reserves the right to make changes to the syllabus as needed. If changes are made, you will be notified of the changes in class or by your university e-mail address.