

Instructor: Keith Foster · Office: WCC 202 and SC 327 · 479.619.4380 · gkfoster@nwacc.edu · <http://gkfoster.com>

Office Hours: E-mail is the best way to reach me, if I'm not in the office. Office Hours are posted on my website at <http://gkfoster.com>, which will include any updates. I will also post announcements there. Always check this website to see if I might not be in at certain times. I will be in my office (either SC 327 or WC 202) during these times. Exceptions will be noted on my website.

Course Objectives:

1. To develop proficiency in algebra by:
 - a. working with equations and inequalities
 - b. understanding functions and their graphs
 - c. understanding exponential and log functions and their applications
 - d. using matrices and matrix operations
2. To develop problem solving skills

Course Description: An overview of the fundamental concepts of algebra with an emphasis on functions and equation solving. Functions and equations covered will include (but are not limited to) absolute value, square root, polynomial, rational, exponential, and logarithmic. Systems of linear equations and inequalities as well as quadratic inequalities will also be covered. Technology will be used throughout the course to supplement and enhance understanding.

Required Textbook: *College Algebra with Intermediate Algebra - A Blended Course* by Beecher, Penna, Johnson, Bittinger, Pearson, 1st Edition. This textbook is available in electronic form within *myLab Math* (MLM). You also have the option to purchase a hard copy of the textbook.

Prerequisites: A grade of "C" or better in Intermediate Algebra (MATH 0103); a score of 24 - 28 on the math portion of the ACT; or an appropriate placement score. A good understanding of the concepts from Intermediate Algebra is expected.

Grading for this Course: The numerical grade comes from the following sources:

- + *Unit Exams:* There will be two unit exams, each worth 100 points (total: 200 points)
- + *Homework:* All homework scores (except the Review sections) will count towards your Homework grade and be scaled out of 50 points.
- + *Quizzes:* Periodical quizzes will be graded and scaled to 100 points.
- + *Final Exam:* The *final exam* is worth 200 points and will be comprehensive.

Percentage score will be this numerical grade out of 550 points. A letter grade will be assigned based on the standard percentage scale:

A 90-100	C 70-79.9	F below 60
B 80-89.9	D 60-69.9	FP failure due to non-attendance

Homework/Discussion/Quiz Policy: You are *expected* to work all homework problems assigned by the due date listed on *myLab Math*. Since this is a three credit course and is only meets for 8 week class, you are expected to spend around twelve hours each week on homework and general overview of topics being covered (spread this time throughout the week). This is considered the norm for a college level course meeting for only half a semester. Homework results are recorded within *myLab Math*. Once the exam period for those sections is completed, the homework assignments for those sections will no longer be available. Therefore, it is very important to organize yourself so that you will received the most credit for these assignments. Discussions will be posted to Canvas periodically, and you are required to participate. Quizzes will be posted periodically on *myLab Math*. You will have a few attempts on each quiz, before the due date. No partial credit is given on quizzes.

Quiz Policy: Quizzes will be posted periodically on *myLab Math*. You will have a few attempts on each, before the due date. No partial credit is given on quizzes.

Exam Policy: All exams will be taken on myLab Math (MLM) and must be proctored. Check the Exam Policy document on my website for details on location to take the exams and when the exams are available. Notes will *not* be allowed on exams. Only approved calculators are permitted on the Exams. Once the exam has started, you cannot leave your computer for *any* reason.

You are *required* to show all work on sketch paper for each problem. By not showing work, you will receive a zero for that problem. Also, I will add partial credit to each exam based on your work shown. Therefore, the better you organize your work, the easier for me to give partial credit.

Makeup Policy: There will be no make ups on exams, quizzes or homework. I may drop some of the quizzes, depending on the number given. All exams will count, since you will have a good length of time to complete each exam and can take each exam a second time. I will replace your lowest exam score (or missed exam) with the average of that exam and the final exam percent score. Given the amount of time allowed to complete assignments, quizzes and exams, there is no reason to miss any exam, quiz or not complete any homework assignment.

Participation Policy: Participation is expected and lack of participation will invariably prove detrimental to your grade and your learning experience. Regardless of the reason for not being able to access myLab Math, you will be responsible for any missed assignments, material and announcements. Check your NWACC email daily.

Available Tutoring: Tutoring at the Math Center is offered in room BH 1217. Check their website at <https://www.nwacc.edu/studentssuccess/mathcenter/> for open hours. There are also many online sources (YouTube, etc). And don't forget, you can contact me during my office hours to get help or email me anytime.

Methods of Instruction: Since this is an OnLine course, instruction will take place through readings and completion of assigned problems, which includes Multimedia requirements. I am available during my office hours in person, if you are on campus, or by email anytime. When emailing, *please* state which class you are in. All information regarding this course, including notices on Exam and Quizzes, will be emailed to your NWACC account, so check your NWACC email *daily* while in this class. Canvas is not used for this class since we use *myLab Math*.