

MTH 111—College Algebra

Spring 2020 CRN 41512

Instructor: Mike Storrs

Class Time: Zoom (live M-F 1pm)

Office: Online

Office Hours: Email me to set up

Class Location: Online

Email: storrs@linnbenton.edu or
through MyOpenMath

Course Materials:

MyOpenMath enrollment key (online and free! Get it from me)

Precalculus: An Investigation of Functions by David Lippman and
Melonie Rasmussen (free pdf for chapters 1-4)

College Algebra by Carl Stitz and Jeff Zeager (free pdf for chapter 5)

Graphing calculator (I will be using a TI-84, sorry but this is not free)

Course Description: Explores relations and linear, quadratic, exponential, polynomial, rational and logarithmic functions. Includes theory of equations, matrices and determinants, and may introduce sequences and series.

Prerequisite: C or better in MTH 95 Intermediate Algebra.

Academic Outcomes: Upon completion of the course, you will be able to:

1. Interpret graphical information, such as identifying types of functions, translations, inverses, intercepts, and asymptotes.
2. Solve a variety of symbolic equations and inequalities, such as rational, absolute value, exponential, radical, logarithmic, and linear systems.
3. Construct appropriate models for real world problems and using systems of linear equations to solve the applications.

Grading Policy: Your grade in this class is based on the following:

Two Reviews	20%
Final Project	20%
Online Homework	60%

Grades will be assigned as outlined in the scale below:

A	90 -100%
B	80 - 89%
C	70 - 79%
D	60 - 69%
F	0 - 59%

A grade of Incomplete may be assigned at the discretion of the instructor under special circumstances. The student must have completed the majority of the course, been in regular attendance and passing the course prior to the "special circumstance".

Reviews: We will have two midterm reviews which will cover a handful of the best homework problems of the sections leading up to each review. They will be assigned during week 5 and week 9. You will complete them in MyOpenMath.

Online Homework: The homework exercises will be done online via the MyOpenMath.com website. Half of the homework is open from day one but the assignments will "expire." You can earn extra credit (EC) on homework if you finish by an earlier date as listed on the calendar. All homework can achieve partial credit based on how much you finish. Zeros will be assigned for missing assignments. Use the Calendar feature on M.O.M. to clearly see the due dates for the homework.

To access your homework you will need to register as a new user at MyOpenMath.com. The site will ask you for two pieces of information:

1. The course ID: **68081**
2. The enrollment key: **Is this real life?**

Final Project: We will have a final assignment that will focus on Exponential and Logarithmic functions that will require that you collect data based on the Covid-19 outbreak. You will present graphs, tables, and answer a few questions based on your data. All projects will be submitted online.

Help: If you have questions, PLEASE contact me through MyOpenMath or go to the virtual math help desk in the learning center. I work at the math help desk 30 hours a week so because of this I am one of the easiest teachers to find on virtual campus. The Math Help Desk is a place where you can drop in and receive assistance with your math questions. You are welcome to come see me when I am there but keep in mind that I am obligated to keep our meetings at the help desk to just a few minutes because my job there is to provide help to all students. If you need more than that then we can try to set up an appointment to meet. There is also (free) tutoring available. Sign up at the Virtual Tutoring Center in the Learning Center. I will always post my notes and videos from class on MyOpenMath and I will post blank notes before class for you to print out. Finally, the homework site offers free video tutorials and a student form area.

Expectations: I expect you will be involved in class either live or through email.

Special Circumstances: Students who have any emergency medical information the instructor should know of, who need special arrangements in the event of evacuation, or students with documented disabilities who may need accommodations, should make an appointment with the instructor as early as possible, no later than the first week of the term. If additional assistance is required the student should contact the Office of Disability Services (ODS) at ext. 4789.

Statement from the Center for Accessibility Resources:

You should meet with your instructor during the first week of class if

- you have a documented disability and need accommodations,
- your instructor needs to know medical information about you, or
- you need special arrangements in the event of an emergency.

If you believe you may need accommodation services please contact Center for Accessibility

Resources, 917-4789. If you have documented your disability, remember that you must make your request for accommodations through the Center for Accessibility Resources Online Services web page every term in order to receive accommodations. If you believe you may need accommodations but are not yet registered with CFAR, please visit the CFAR Website for steps on how to apply for services or call (541) 917-4789.

Statement of Non-Discrimination: Linn-Benton Community College is an equal opportunity educator and employer.

Academic Honesty: I assume that you are ethical and honest. However, if there is an incident of academic dishonesty (cheating), you will receive a score of zero for that test/assignment and the incident will be reported to the college administration for possible further disciplinary action. If there is a second offense, you will receive a grade of F for the course and the incident will be reported to the college administration with a recommendation for disciplinary action.