

MTH 111-College Algebra

Winter 2021 CRN 30996

Instructor Information

Instructor: Mary Campbell

Email: Mary.Campbell@LinnBenton.edu

Class Meetings: Our class meets Tuesdays and Thursdays, from 10:30-12:20, and Fridays from 10:30 to 11:20. Our classroom is located in Zoom at: <https://linnbenton.zoom.us/j/98136783659>

Office Hours: Office hours are available Mondays at 11:00 and Friday at 1:00. Office hours are located in Zoom at: <https://linnbenton.zoom.us/j/684149306> if those times do not work for you, contact me to arrange another time, it's not a problem.

Remote Math Support: Drop in math help Monday through Friday from 9am - 7pm, Saturday and Sunday from 11am - 4pm. Located in Zoom at: <https://linnbenton.zoom.us/j/94627678411>

Meet up with your classmates: A great place to collaborate, on Discord: <https://discord.gg/geMqSqV>

Course Information

Prerequisite: MTH 95 or equivalent

Topics covered will include relations and functions; including linear, quadratic, polynomial, rational, exponential and logarithmic functions. Functions and solving of equations will be emphasized. The use of matrices to solve systems will be introduced.

Course Outcomes:

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, such as fitting an algebraic function model to a set of data, and system of linear equations.

Materials:

- Regular access to a computer with a webcam, microphone and the Internet
- Calculator
- We will be using an open source textbook and software

How your Progress will be measured

Tests: There will be three tests and a comprehensive final in this course. Testing will be done online in Zoom, during class time, with video monitoring. If you fail to take a test, you will receive a score of 0.

Homework: Success in a math class goes hand-in-hand with completing the homework assignments. When doing your homework, feel free to ask for help. The Math Help Desk personnel are available online. Form a study group with other members of the class. Talking with others about math is where learning begins!

Homework will be completed and submitted electronically using MyOpenMath.

Enrolling in the Class Software: MyOpenMath

1. Go to www.myopenmath.com
2. Click on "Register as a New Student"
3. Enter a user name, I recommend using your student ID number
4. Choose and confirm a password, one you will not forget
5. Enter your first and last names, and your e-mail address
6. Enter the Course ID: 97299
7. Enter the Enrollment Key: MTH111

In Class Activities: In class activities are problem sets worked in class that may involve writing and reflection, and there are no make-ups.

Grading: Grades will be based on

- 3 tests (15% each) 45%
- Cumulative Final 15%
- In Class Activities 20%
- MyOpenMath Homework 20%
- Final Grade: A: 90 - 100% B: 80 - 89% C: 70 - 79% D: 60 - 69% F: 0 - 59%
- The grade of IN is only given under unusual and verifiable conditions, and if the majority of the work has been completed.

Acts of academic dishonesty are regarded by the college as very serious offenses. Penalties will be the maximum permitted by the college.

LBCC maintains a policy of nondiscrimination and equal opportunity in employment and admissions, without regard to race, color, sex, marital and/or parental status, religion, national origin, age, mental or physical disability, Vietnam era, or veteran status.

The LBCC community is enriched by diversity. Each individual has worth and makes contributions to create that diversity at the college. Everyone has the right to think, learn, and work together in an environment of respect, tolerance, and goodwill

LBCC is committed to inclusiveness and equal access to higher education. If you have approved accommodations through the Center for Accessibility Resources (CFAR) and would like to use your accommodations in this class, please talk to your instructor as soon as possible to discuss your needs. If you believe you may need accommodation but are not yet registered with CFAR, please visit the CFAR website at www.linnbenton.edu/cfar for steps on how to apply for services or call 541-917-4789