

## **MTH 111-College Algebra**

**Fall 2021 CRN 22706**

### **Instructor Information**

Instructor: Mary Campbell

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**Class Meetings:** Our class meets Monday and Wednesdays from 8:30-10:20 and Fridays from 8:30 to 9:20. This is a face to face class and our classroom is at the Corvallis Benton Center in room BC234. You are required to wear a mask that covers your mouth and nose.

**Office Hours:** Zoom office hours are available Tuesdays at 10:30 and Thursdays at 4:30, also I will have in-person office hours after class on Fridays in our classroom. Zoom 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 from 9am - 8pm Monday through Friday, 11am - 4pm

Saturday(Closed on Sunday). Located in Zoom at: <https://linnbenton.zoom.us/j/94627678411>

Also, this term there will be in-person Math help at the Albany Learning Center: 9 to noon and 2 to 5pm Monday through Friday, and Saturday from 11 to 4.

**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 and the Internet

Calculator (only scientific calculators are allowed during testing)

We will be using an open source textbook and software, which will be accessed through Moodle.

**How your Progress will be measured**

**Tests:** There will be three tests and a comprehensive final in this course. 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 but you will access it through Moodle.

**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%				
Online 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](http://www.linnbenton.edu/cfar) for steps on how to apply for services or call 541-917-4789

#### CLASSROOM REQUIREMENTS FOR ALL STUDENTS AND FACULTY DUE TO COVID-19

Linn-Benton Community College has established rules and policies to make the return to the classroom as safe as possible. It is required for everyone to follow all of the campus rules and policies. To participate in this class, LBCC requires all students to comply with the following:

#### MASKS REQUIRED AT ALL TIMES IN CLASSROOM

- [Wear a mask or face covering](#) indoors at all times. Your mask or face covering must be properly worn (fully covering nose and mouth and tight-fitting). Mesh masks, face shields, or face covering that incorporates a valve designed to facilitate easy exhalation are not acceptable. If you have a medical condition or a disability that prevents you from wearing a mask or cloth face covering, you must obtain an accommodation from CFAR (Center for Accessibility Resources) to be exempt from this requirement.
- State guidelines do not limit class size. Physical distancing accommodations can be made upon request and cleaning supplies are also available for personal use.