

COLLEGE ALGEBRA

MTH 111 Syllabus

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Office hours: T, R 4:30 – 5 via ZOOM
and by appointment
Link: [122-846-699](https://linnbenton.edu/zoom)

Course Description:

The course explores linear, quadratic, radical, polynomial, rational, exponential, and logarithmic functions. It emphasizes graphing functions, problem solving, solving equations, and modeling. Use of matrices to solve systems will be introduced.

Prerequisite

- MTH 95 Intermediate Algebra or equivalent

Course Materials

- We will use a **free online textbook** and free online homework platform (MyOpenMath).
- Regular access to the internet to ZOOM and complete the homework.

Academic Dishonesty

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 issuing disciplinary action.

Cell Phones and Laptop

Cell phones must be off during exams and should not ring during class. Exit quietly if you need to take a call during class. If you distract the class with a phone or a computer, you will be asked to turn it off or leave.

Supporting Diversity

LBCC prohibits unlawful discrimination based on race, color, religion, ethnicity, use of native language, national origin, sex, sexual orientation, marital status, disability, veteran status, age, or any other status protected under applicable federal, state, or local laws. (For further information please visit <http://po.linnbenton.edu/BPsandARs>.)

Inclusion

The LBCC community is enriched by diversity. Everyone has the right to think, learn, and work together in an environment of respect, tolerance, and goodwill. I actively support this right regardless of race, creed, color, personal opinion, gender, sexual orientation, or any of the countless other ways in which we are diverse. (Related to Board Policy #1015.)

Special Needs

Students who may need accommodations due to documented disabilities, or who have medical information which the instructor should know, or who need special arrangements in an emergency, should speak with the instructor the during the first week of class. If you have not accessed services and think you may need them, please contact please contact Accessibility Resources (541) 917-4789.

Grading

There will be three in-class tests, four class projects, daily quizzes, and very importantly online homework. Here is how much each will contribute to your final grade:

- | | | |
|------------|-----------|---|
| • Tests | 50% total | Your course grade will be derived from your <i>Total Course Points</i> (A: 100%-90%, B: 89%-80%, C: 79%-70%, D: 69%-60%, F: below 60%). |
| • Projects | 25% | |
| • Homework | 25% total | |

Special Grades

An incomplete grade I may be issued for a student who is making satisfactory progress (Grade of C or better) in the course, but who has failed to complete the final exam. Any student seeking an incomplete must discuss this option with me and sign an agreement prior to the time when grades are issued.

Tests

Tests have two components, an in-class open notes and open notebook part, and a quiz-like MyOpenMath part. You should not have more than two tests or exams scheduled on a particular day. Let me know if you do.

Projects

Every time we finish studying a group of functions you will collect all the information about that particular group and create a neat and complete project following supplied guidelines.

Homework

Homework will be completed using MyOpenMath website. The homework is due before the next class. You have 10 late passes that let you extend the due date for particular homework by 48 hours. Go to: www.myopenmath.com and choose "Math 111 - College Algebra – Spring 2020" or click on "Register as a New Student".

- Enter a username and password of your choice, write it down.
- Enter your first, last names, and your mostly used e-mail address (can be your private address)
- Enter the Course ID: **70238** and the Enrollment Key: **MTH 111**

Class Attendance

Please ZOOM in on time. Please let me know ahead of time if you cannot come.

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

- Interpret graphical information, such as identifying types of functions, translations, inverses, intercepts, and asymptotes.
- Solve a variety of symbolic equations and inequalities, such as rational, absolute value, exponential, radical, logarithmic, and linear systems.
- Construct appropriate models for real world problems, such as fitting an algebraic function model to a set of data, or a system of linear equations.