College Algebra

MTH 111 Syllabus

Instructor:	Bea Michalik	**Office hours:**	M,W 1-1:30 via ZOOM
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Welcome to our College Algebra class,

I am happy to facilitate your learning and helping you if you have any questions. Your job is to come to class (one big step to success) and do the work I ask you to do. Together we will succeed.

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 your homework.
• Optional access to the Respondus software for our tests.
• Keep in mind that Chrombook is proven not to be adequate tool, so if you need a laptop please contact the LBCC library.

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

Cell phones must be off during exams and should not ring during class. If you need to take a call during class do it quietly as to not distract the class.

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, few projects and quizzes, and very importantly online homework. Here is how much each will contribute to your final grade:

- Tests/Quizzes   50%
- Projects   20%
- Homework   20%
- Participation   10%

Your course grade will be derived from your *Total Course Points* (**A**:100%-90%, **B**: 89%-80%, **C**: 79%-70%, **D**: 69%-60%, **F**: below 60%).

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.

Classroom Materials

Everything we need: homework, quizzes, tests, class notes, textbook, gradebook, etc. will be on the free platform MyOpenMath. Go to: www.myopenmath.com and choose "Math 111 - College Algebra " 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: **106489** and the Enrollment Key: **MTH111**

Tests

Both midterms are scheduled on Fridays, and the final is scheduled on Monday. They all will be on MyOpenMath similarly to homework, except you need to be in the ZOOM session with your video enabled. Alternatively, you can use the Respondus software to take the test, which will be available through MOODLE. For that you also will need a web camera, and you will need to download the Respondus software. But it will allow you to take the midterms anytime starting on Friday through Sunday, and the final any time Monday through Wednesday of the final week.

Projects/Quizzes

Starting in the second week we will have weekly quizzes based on what you learned in that week. We will also have few projects sprinkled throughout the term. The projects will be due on Fridays, and the quizzes will start on Fridays and be due on Sunday. You will have 10 late passes and you can extend the due dates by 48 hours using them. Just remember to initiate the late pass before the due date.

Homework

The homework is very important and will be due on Friday night with the option of late passes.

Participation

You can receive 15 points weekly: 5 points for ZOOM-ing into the Monday class, 5 point for the Wednesday class, and 5 more points if you come to the optional class on Friday, or if you do your weekly homework by Sunday night.

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.