



College Algebra - MTH 111 – Spring 2021 Syllabus

General Information

Instructor Information and Availability

Instructor name: **Michael Lopez**

E-mail address: lopezm@linnbenton.edu

Zoom Office Hours: TBD (You can definitely make an appointment anytime!)

Course Information

Course name: MTH 111 College Algebra

Section number: B01

CRN: 40121

Scheduled days/times: [Mon/Wed Virtual Class \(via zoom\) from 10:00AM to 11:50 AM.](#)

Number of credits: 5 credits

Prerequisites:

MTH 095 Intermediate Algebra or equivalent with a grade of "C" or better.

Course Materials (**Don't Purchase Anything!**)

- Regular Access to a computer and the internet
- Register for MyOpenMath a free online math platform (directions below)
- Scientific Calculator (Use www.desmos.com)
- **Audio and Video Capabilities for online Class Sessions via Zoom**

Registering/Enrolling in MyOpenMath

- Go to www.myopenmath.com
- Click on "Register as a New Student"
- **Use your student ID (X...) number for your User Name!**
- Choose and confirm a password, one you will not forget
- **Enter your first and last names, and your LBCC e-mail address**
- Enter the Course ID: **106996**
- Enter the Enrollment Key: **LopezMTH111**

Course Description

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.

Student Learning Outcomes

- 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, and system of linear equations.

Grading

Assessment Percentage Breakdown: (Grade totals can be found in MyOpenMath)

35% Online Homework MOM

30% Write-Ups (uploaded written homework)

30% Three Exams (Each Exam is worth 10%)

5% Quizzes

Letter Grade	Percentage	Performance
A	90-100%	Excellent Work
B	80-89%	Good Work
C	70-79%	Average Work
D	60-69%	Poor Work
F	0-59%	Failing Work

“P” or “NP” will NOT be given in this class. 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 participation and passing the course prior to the “special circumstance.”

Late Assignment Policy

MyOpenMath (MOM), for ONLY the online homework, you have three late passes to use at your discretion. A late pass opens an assignment up to 48 hours, if you have issues using a late pass, let me know and I will open it for you. **No extensions/late passes on Write-Ups, Quizzes or Exams.**

Assessment Details

Online Homework

For online homework we will be using MyOpenMath (MOM). Online Homework will be covering Chapters: 3, 4, 5, 6, and 11, from the online text: OpenStax Algebra and Trigonometry, Algebra and Trigonometry. OpenStax CNX. May 18, 2016.

Specific sections will be due at the end of each week, Sundays at 11:59 PM. You have 5 attempts per problem. Don't waste them!

Success in a math class goes hand-in-hand with completing the homework assignments. I find that students who succeed in this course are the students who are staying on top of their homework and asking questions. **So please do start these assignments earlier in the week, if you wait until the weekend, it will be extremely difficult to answer questions you may have.**

Write-Ups (Work in Groups)

You will have to complete several write-ups this term. About half of the solutions come from the lecture/class notes found on MyOpenMath (MOM) and the other half are problem solving type questions.

The write up will include: each question written (or typed) out fully, all steps--including the algebra necessary to solve it, appropriate explanation of the process and the answer clearly identified. It should be written so that anyone in MTH 111 would be able to easily follow and understand your solution. **Write-Ups will be graded on following instructions, correctness, presentation, readability, and the communication of your solution.** Up to one half of the grade is based on the communication and explanation of the solution. In other words, an incorrect but well-explained solution can still earn up to half of the points. Similarly, a correct solution without explanation can lose up to half of the points. I will drop the lowest write-up score from the gradebook at the end of the term.

Be prepared to upload your completed work as a PDF (only as a PDF will it be accepted). Please be sure items are numbered, questions are fully written out, and pages are in order. One single combined document for each assignment. Each assignment will be uploaded into MOM, unless prior approval by the instructor or with authorized accommodations. **DO NOT EMAIL ME YOUR WRITE-UP.**

Exams

You will have three exams in this course. Exam I and II must be submitted by Friday of Weeks 4 and 8, respectively by 11:59 PM in MOM and a Final Exam that must be submitted by 11:59PM on Tuesday of Finals Week in MOM.

Quizzes

Timed Quizzes will be only on Wednesdays, open from 12:01 AM until 11:59 PM that day. The quizzes will cover the prior week's online homework. Your lowest two quizzes will be dropped from the gradebook.

Campus Resources

Math Support Services (with Math Café)

Open Hours:

Monday – Friday: 9am – 7pm

Saturday: 11am – 4pm

Sunday: 11am – 3pm

<https://linnbenton.zoom.us/j/94627678411>

Email: mathdesk@linnbenton.edu for questions

MTH 111 Discord Channel

Join our MTH 111 Discord to interact with other students taking this course, great for working on the online homework and on the Write-Ups!

<https://discord.com/invite/q9znAdhB3v>

Learning Center Discord Server

Join the Learning Center Discord Server. This works great for any general math questions, or other classes you may have.

<https://discord.gg/geMqSqV>

Groups

You will be working in groups for this entire class, so get to know your groupmates!

Tips for Success in This Class

Three amazing tips your instructor can give you to be successful in this course:

- Attend Class Regularly
- Do not wait until the last minute to do assignments
- Do stay on top of the assignments

College Policies

LBCC Email and Course Communications

You are responsible for all communications sent via Moodle and to your LBCC email account. You are required to use your LBCC provided email account for all email communications at the College. You may access your LBCC student email account through Student Email and your Moodle account through Moodle.

Guidelines for communication

Email is the best way to get a hold of your instructor, lopezm@linnbenton.edu, for any concerns, administration, or any non-math problem related questions. If you email your instructor, remember to use your LBCC provided email.

You may use the “Message Your Instructor” for any problems in MyOpenMath.

Your instructor is willing and recommends to communicate through Zoom whenever possible.

Conduct

You are held accountable to the [Student Code of Conduct](#), which outlines expectations pertaining to academic honesty (including cheating and plagiarism), classroom conduct, and general conduct.

Any violations of Academic Honesty may lead to a zero on the assignment and/or may be reported to Student Academic Affairs for possible further consequences.

Disability and Access Statement

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 contact your instructor as soon as possible to discuss your needs. If you think you may be eligible for accommodations but are not yet registered with CFAR, please visit the [CFAR Website](#) for steps on how to apply for services. Online course accommodations may be different than those for on-campus courses, so it is important that you make contact with CFAR as soon as possible.

Statement of Inclusion

To promote academic excellence and learning environments that encourage multiple perspectives and the free exchange of ideas, all courses at LBCC will provide students the opportunity to interact with values, opinions, and/or beliefs different than their own in safe, positive and nurturing learning environments. LBCC is committed to producing

culturally literate individuals capable of interacting, collaborating and problem-solving in an ever-changing community and diverse workforce.

Title IX Reporting Policy

If you or another student are the victim of any form of sexual misconduct (including dating/domestic violence, stalking, sexual harassment), or any form of gender discrimination, LBCC can assist you. You can [report](#) a violation of our sexual misconduct policy directly to our Title IX Coordinator. You may also report the issue to a faculty member, who is required to notify the Coordinator, or you may make an appointment to speak confidentially to our Advising and Career Center by calling 541-917-4780.

Public Safety/Campus Security/Emergency Resources:

In an emergency, call 911. Also, call LBCC Campus Security/Public Safety at 541-926-6855 and 541-917-4440.

From any LBCC phone, you may alternatively dial extension 411 or 4440. LBCC has a [public safety app](#) available for free. We encourage people to download it to their cell phones. Public Safety also is the home for LBCC's Lost & Found. They provide escorts for safety when needed. Visit them to learn more.

Changes to the Syllabus

I reserve the right to change the contents of this syllabus due to unforeseen circumstances. You will be given notice of relevant changes in class, through a Moodle Announcement, through LBCC e-mail, and/or by MyOpenMath Announcement.

“Tentative” Class Schedule

- Week 1: Sections 3.1, 3.2, and 3.3
- Week 2: Sections 3.4, 3.5, and 3.6
- Week 3: Sections 3.7, 4.1, 4.2, and 4.3
- Week 4: Sections 5.1, 5.2, and 5.3 (Exam I due by Friday)
- Week 5: Sections 5.4 and 5.7
- Week 6: Sections 5.6
- Week 7: Sections 6.1, 6.2, 6.3, and 6.4
- Week 8: Sections 6.5, 6.6, and 6.7 (Exam II due by Friday)
- Week 9: Sections 11.1, 11.2, and 11.5
- Week 10: Sections 11.6 and 11.7

For all due dates, please view the “MTH 111 Calendar”.