College Algebra, MTH 111, CRN 30366 Syllabus

# General Information

## Instructor Information and Availability

Instructor name: Michael Lopez

Phone number: 541-917-4759

E-mail address: lopezm@linnbention.edu

Office hours: TBD (always available by appointment)

Office number: WOH-108

## Course Information

Course name: College Algebra

Section number: 01

CRN: 30366

Scheduled time/days: **8 AM to 8:50 AM,** Monday through Friday

Number of credits: 5 credits

Classroom: WOH-126

### Prerequisites:

MTH 95 or equivalent with a grade “C” or better

## Course Materials

Required:

* Regular access to a computer and the internet
* Scientific Calculator (no calculators on exams)
* Notebook: 3 ring binder, filler paper, writing material, etc
* We will be using opensource textbook and software

Optional:

* Highlighters and colored pencils.
* Listing devices (such as headphones)

# 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, use your student ID number

4 Choose and confirm a password, one you will not forget

5 Enter your first and last names, and your LBCC or OSU e-mail address

6 Enter the Course ID: **61279**

7 Enter the Enrollment Key: **MTH1118AM**

## 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

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.

# Class Policies

## Behavior and Expectations

Do come to class with a positive attitude. I expect you to fully participate in class activities and to be on task and focused. I do expect some minimal side conversations to happen. You can expect me to challenge you. Expect to struggle and not understand a topic at the get go. Let yourself be okay with not knowing the answer.

I do expect you to have tons of fun in this class.

Most importantly, I expect that we will treat everyone with respect and attempt to understand someone else’s view point that may differ than our own.

You are held accountable to the [Student Code of Conduct](https://www.linnbenton.edu/current-students/administration-information/policies/students-rights-responsibilities-and-conduct), which outlines expectations pertaining to academic honesty (including cheating and plagiarism), classroom conduct, and general conduct.

### Guidelines for communication

I will be using LBCC emails and MyOpenMath (MOM) for communication, I highly recommend that students check those frequently.

### Use of cell phones

No cell phones during class unless otherwise stated or by instructor approval.

## Attendance/Tardiness Policy

I expect students to come to class on time and be prepared. Coming to class is worth points and are the easiest points to obtain.

## Testing

Three exams and a cumulative Final. All exams and Final are timed and written. The three exams are 50 minutes during class time and the Final is 1 hour and 50 minutes (see below for specifics). There are no retests. If you must miss a test you are required to contact the Instructor **prior** to the testing time. If you fail to take a test, you will receive a score of 0.

No notes or calculators on exams or Final.

**Final Exam on Wednesday, March 18, 2020, from 8 AM to 9:50 AM.**

**GRADESCOPE:** I use an online grading platform called Gradescope. Exams will not be passed back, but students will have access to them online. After the first exam, students will receive an email from Gradescope to their LBCC email with directions on how to access their exams. More details will be explained prior to the first exam.

## 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 and Math Café personnel are here to help you; get in the habit of doing your homework during drop-in help hours. Form a study group with other members of the class. Talking with others about math is where learning begins!

## Math Café

Monday – Friday from 8am to 5pm in WH-227 (**free** Wi-fi and laptop plug-ins, math study skills, **free** coffee/tea/cocoa, comfortable environment and they can help set up a study plan to keep you on track for success)

Homework will “mostly” be completed and submitted electronically using MyOpenMath (MOM).

## In Class Activities

In class activities are problem sets worked in class (and may need to be completed outside of class) that may involve writing and reflection, and there are no make-ups.

## Project/Presentation

In Week 7, each student will be assigned a project topic. You will give some interpretation on your given topic. Your interpretation may be a collage of pictures, a drawing, interpretive dance, etc. You will provide a write-up of your project (details as we get closer to week 7), and during week 10 you will present your work (this is more like a poster presentation, rather than stand in front of the class and speak), more details in class.

## Grading

Assessment breakdown of Total Grade:

36% - 3 Exams (12% each)

24% - Cumulative Final

15% - In Class Activities

15% - MyOpenMath Homework

10% - Project/Presentation

Final Grade Calculation:

|  |  |  |
| --- | --- | --- |
| 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 |

“Y” or “WP” will NOT be given in this class.

### Late Assignment Policy

MyOpenMath (MOM) you have four late passes, meaning four of the MOM homework can be extended up to 48 hours from the due date. There are no make-ups or late turn-ins for in class or written 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.

## 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 the class, please talk to your instructor as soon as possible to discuss your needs. If you believe you may need accommodations but are not yet registered with CFAR, please visit the [**CFAR Website**](https://www.linnbenton.edu/cfar) for steps on how to apply for services or call **(541) 917-4789**.

## 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](https://linnbenton-advocate.symplicity.com/public_report/index.php/pid073717) 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](http://www.linnbenton.edu/public-safety-emergency-planning):

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](http://lbccpublicsafety.mobapp.at/landing/Desktop) 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 MyOpenMath Announcement, or through LBCC e-mail.

# Class Schedule

* Week 1: Sections 3.1, 3.2, 3.3
* Week 2: Sections 3.4, 3.5, 3.6, 3.7, 4.1
* Week 3: Sections 4.2, 4.3, **EXAM 1**
* Week 4: Sections 5.1, 5.2, 5.3, 5.4
* Week 5: Sections 5.4, 5.5, 5.6
* Week 6: Sections **EXAM 2**, 5.7, 6.1, 6.2
* Week 7: Sections 6.2, 6.3, 6.4
* Week 8: Sections 6.5, 6.6, 6.7, 6.8
* Week 9: Sections **EXAM 3**, 11.1, 11.2, 11.5
* Week 10: Sections 11.6, Project/Presentations
* **Final: March 18, 2020, 8 AM – 9:50 AM**

# Changes to the Schedule

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