

MTH 105, Math in Society

Fall Term 2020

Instructor Information

Instructor Name: Marlon J. Flores

Office: Zoom meeting appointment.

E- mail: marlon.flores@linnbenton.edu

Office Hours: schedule zoom meeting appointment

Course Information

Prerequisites: MTH 95 or equivalent.

Day and Hours of Class: Tuesday, Thursday 3:00 pm – 4:50 pm, live zoom meetings.

CRN: 25769, 24919

Sections: 02,01

Course description: Survey course in mathematics for students in the liberal arts and other non science majors. Topics are selected from areas such as management sciences, statistics, social choice, the theory of size and shape, and computers and their applications. Emphasizes the application of mathematics to the problems of contemporary society and the critical role these applications play in economic, political and personal life.

Upon completion of MTH 105 – Introduction to contemporary Mathematics students will be able to:

1. Demonstrate an understanding of how mathematics and numbers are used in daily life and to model real-life financial situations.
2. Demonstrate an ability to understand and interpret data presented in various forms.
3. Demonstrate an understanding of basic statistics and logic.
4. Apply a healthy skepticism for data and statistics offered in the media.

Materials: Open Source Textbook and platform, graphic calculator, scientific calculator, Excel.

Very important: Due to the nature of the remote teaching environment, capability to join videoconference is a must.

Lecture Notes: Shared as a zoom meeting recording, link to be sent to entire class to your college personal email.

Enrolling in the Class Platform: MyOpenMath

1. Go to www.myopenmath.com
2. Click on “Register as a New Student”
3. Enter a user name, I recommend using your student ID number
4. Choose and confirm a password, one you will not forget
5. Enter your first and last name, and your e-mail address
6. Enter the Course ID:
7. Enter the Enrollment Key:

Suggestions to succeed in MTH 105

- Be present in at least 70% of zoom meetings, have your class materials ready, be mentally present and engaged.
- Speak up when you have a question or opinion.
- Be respectful to your classmates on virtual environment.
- Do your homework and study beforehand the next section to be considered in your book.
- Study daily and be a part of the group.

Grading Policy: Grades will be based on

2 Tests and a Final.....	55
Homework.....	30
In class Activities & general Activities.....	15
Total.....	100

Final Grade Chart:

A.....	90-100
B.....	80-89
C.....	70-79
D.....	60-69
F.....	0-59

Obs: The grades of Y and WP are not given in this class.

Tests: There will be two tests (15 each) and a comprehensive final (25) in this course. Testing will be done remotely and proctored remotely. There are no retests. If you for a valid reason must miss a test, you are required to contact your instructor “PRIOR” to the testing time. If you fail to take a test, you will receive a score of 0. However you may replace one missed test with the FINAL Test score.

Homework: The homework points (30) will be based on the grades of twenty five homeworks to be taken in MyOpenMath at home but under the given constraints of time and dates, as well as attempts to solve the exercises considered appropriate by your professor, **You must pay close attention to due date and hour, there will be no exceptions.**

Group Activities: These 15 points are intended to reinforce the concepts introduced in class and share your insight with your breakout room members. Group work will be turned in at end of meeting.

Use the Learning Center and Math Café

The Learning Center is an excellent resource, where you can get help with your homework. While we are learning remotely, you may get math help remotely. On the LBCC website you will find information about how to get help from math instructional assistants or tutoring. Go to the website at the link <https://www.linnbenton.edu/student-services/library-tutoring-testing/learning-center/index.php>

Additionally, the Math Café offers success coaching by appointment that can include

- study strategies, notetaking, learning with online homework, time management schedule, etc.
- making a catch-up plan, to get up to date on assignments.
- preparing for an exam.
- understanding and navigating online homework.

Other

Academic Honesty

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 with a recommendation for disciplinary action. Cheating includes, but is not limited to, copying another student's work; giving another student your work to copy; telling other students what problems are on an exam; getting answers or test questions from another student; or using any unauthorized resource during an exam, such as a phone, another computer or tablet, a book, notes, or a person.

Special Circumstances

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 believe you may need accommodations but are not yet registered with the Center for Accessibility Resources (CFAR), please visit the [CFAR Website](#) for steps on how to apply for services or call [\(541\) 917-4789](tel:541-917-4789). Online or virtual course accommodations may be different than those for on-campus courses, so it is important that you contact CFAR as soon as possible.

LBCC Comprehensive Statement of Nondiscrimination

LBCC prohibits unlawful discrimination based on race, color, religion, ethnicity, use of native language, national origin, sex, sexual orientation, gender, gender identity, marital status, disability, veteran status, age, or any other status protected under applicable federal, state, or local laws. For further information see Board Policy P1015 in our [Board Policies and Administrative Rules](#). Title II, IX, & Section 504: Scott Rolen, CC-108, 541-917-4425; Lynne Cox, T-107B, 541-917-4806, LBCC, Albany, Oregon. To report: linnbenton-advocate.symplicity.com/public_report

The instructor reserves the right to make changes to the syllabus/calendar at any time.

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Tentative Schedule

(The schedule is subject to change, but every effort will be made to keep the test dates as listed)

	Mon	Tues	Wed	Thurs	Friday
1		Course Intro Problem solving		Problem Solving, ACTIVITY	
2		Logic (ebook only)		Logic, ACTIVITY	
3		Growth Models		Growth Models, ACTIVITY	
4		Review for Test 1		Test 1	
5		Finance		Finance loans Activity	
6		Stats: Collecting data, ACTIVITY		Stats: Collecting data Stats: Describing data	
7		Stats: Describing data probability		Probability	
8		Review Test 2		Test 2	
9		Probability		Normal Distribution, ACTIVITY	
10		Normal Distribution		Review for Final	
11				FINAL 4:30 pm – 6:20 pm	