

## **MTH 105, Math in Society**

**Virtual**

**Fall Term 2021**

### **Instructor Information**

**Instructor Name:** Marlon J. Flores

**Office:** Zoom meeting appointment.

**E- mail:** [marlon.flores@linnbenton.edu](mailto:marlon.flores@linnbenton.edu)

**Office Hours:** schedule zoom meeting appointment

**Office Hour zoom link:** <https://linnbenton.zoom.us/j/95594681214>

### **Course Information**

**Prerequisites:** MTH 95 or equivalent.

**Day and Hours of Class:** Virtual, mandatory attendance, Zoom meeting times: Tuesdays and Thursdays 1:00 pm -2:50pm

**Class zoom meeting link:** <https://linnbenton.zoom.us/j/96501069019>

**CRN:** 24919

**Sections:** 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.

**Lecture Notes:** To be uploaded in to MyOpenMath weekly on folder named Zoom lectures.

**IMPORTANT:** Video conference equipment capabilities is a must, you should not take this course if that is not a possibility, since test proctoring will be virtual.

**Enrolling in the Class Platform: MyOpenMath**

1. Go to [www.myopenmath.com](http://www.myopenmath.com)
2. Click on “Register as a New Student” if applicable else log in and go to step 6.
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**

- Check your email regularly for instructor emails, make sure to watch lecture video recordings of class.
- E-mail me or try to reach me online when you have a question or opinion.
- Be respectful to your classmates.
- Do your homework and study beforehand the next section to be considered in your book.
- Study daily and be a part of the class.

**Grading Policy:** Grades will be based on

2 Tests and a Final.....	60
Homework.....	25
In class work.....	15
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<b>Total.....</b>	<b>100</b>

**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 one test, a midterm, and a comprehensive final in this course. Testing will be done online; more details will be provided by instructor. 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. Tests are going to be virtual proctored; your videoconference equipment needs to be available for test.

**Homework:** The homework points (25) will be based on the grades of assignments 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.**

**In class work:** (15) points. To be assigned by your instructor weekly in class. The work should be conducted in breakout rooms and graded weekly according with overall participation and presence on the group discussions. OBS: You must be “PRESENT” in class to have the option to earn this part of you grade.

## **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.

### **Special Circumstances:**

Students who have any emergency medical information the instructor should know of, who need special arrangements in the event of evacuation, or students with documented disabilities who may need accommodations, should **make an appointment with the instructor as early as possible, no later than the first week of the term.**

### **Request for Special Needs or Accommodations**

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](#) for steps on how to apply for services or call [\(541\) 917-4789](tel:5419174789).

### **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](http://linnbenton-advocate.symplicity.com/public_report)

### **Basic Needs**

Any student who has difficulty affording groceries or accessing sufficient food to eat every day, or who lacks a safe and stable place to live, and believes this may affect their performance in the course, is urged to contact the Roadrunner Resource Center for support ([Resources@linnbenton.edu](mailto:Resources@linnbenton.edu), 541-917- 4877, or visit us on the web [www.linnbenton.edu/rcc](http://www.linnbenton.edu/rcc) or under Student Support for Current Students). This office can help students get connected to resources to help.

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

## Tentative Schedule

Week #		
1	Intro, Problem Solving	Problem Solving
2	Problem solving, Logic	Logic
3	Growth Models	Growth Models
4	Review for test	<b>Test 1, Finance</b>
5	Finance	Finance
6	Collecting Data	Collecting Data
7	Describing Data	<b>Veteran's Day</b>
8	Probability	<b>Midterm</b>
9	Probability	<b>Thanksgiving</b>
10	Normal Distribution	Review for Finals
11	<b>Final's Week</b>	<b>Final's Week</b>

**IMPORTANT:** Last day to withdraw **November 14**