



# Intro to Statistics – MTH 243 – Fall 2021 Syllabus

## General Information

### Instructor Information and Availability

Instructor name: Michael Lopez

E-mail address: [lopezm@linnbenton.edu](mailto:lopezm@linnbenton.edu)

Dro-In hours (via zoom): TBD (You are always welcome to make an appointment!)

### Course Information

Course name: MTH 243 Introduction to Statistics

Section: 03

CRN: 27751

Scheduled time/days: **Online (no scheduled class days/times)**

Number of credits: 4 credits

### Prerequisites:

MTH 095 Intermediate Algebra or MTH 105 Math in Society with a grade of C or better.

### Course Materials

Required:

- Introductory Statistics, OpenStax. Text is free and open source, or you can purchase a hard-bound copy if you wish.
- Internet Access
- Enroll in MyOpenMath (MOM), instructions below
- Microsoft Office 365 (Free, go to <https://www.linnbenton.edu/student-services/library-tutoring-testing/library/help-desk.php> )
- **Audio and Video Capabilities for Zoom Drop-In Hours**

### Instructions on How to Register/Enroll in MyOpenMath (MOM)

- Go to [www.myopenmath.com](http://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 you LBCC or OSU E-Mail address
- Enter the Course ID: **126838**
- Enter the Enrollment Key: **F2021LopezMTH243**

## **Course Description**

Emphasizes interpretation of statistical results. Focuses on sampling procedures, experimental design, descriptive statistics, and inferential statistical techniques to analyze survey and experimental data from a wide range of fields in science and social science. Includes basic concepts in graphical interpretation of one and two variable data, probability, discrete and continuous probability distributions, sampling distributions, confidence intervals for means and proportions, and hypothesis testing.

## **Student Learning Outcomes**

- Collect, organize, analyze, and interpret data
- Interpret and calculate basic probabilities
- Create appropriate designs of observational studies and experiments to address issues in a variety of fields including healthcare, biology, agriculture, psychology, and physics
- Apply inferential statistics methods to address issues in a variety of fields

## **Class Policies**

### **Behavior and Expectations**

I do expect you all to work heavily in groups. I do expect you to do weekly check-ins with me, via zoom. I do expect you all to take advantage of my time by attending office hours, setting up appointments with me, email, messages in MOM, etc.

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.

### **Guidelines for communication**

Please be redundant, I will be. This means if you have a question, send it to me through multiple communication avenues, MOM, email, and Moodle.

Do communicate any issues, before any deadlines.

### **Testing**

All exams, you will have 48 hours to complete. There are no extensions and I will not take any late exams. You may use lecture notes, previous assignments. These are individual, so you can't ask anyone or the internet for help!

## Grading

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

35% Weekly Online Homework

30% Write-Ups (lowest Write-Up dropped)

30% Exams 1, 2, and 3 (10% each)

5% Weekly Quizzes (lowest 2 quiz scores dropped)

Final Weighted Average of 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

## Late Assignment Policy

You may use up to 4 late passes at your discretion for any of the Weekly Online Homework in MOM. The late pass will extend the deadline for 48 hours. Late passes can only be used for Online Homework, no late work or extensions will be accepted for any of the other assessments in the grading percentage breakdown. If you have an accommodation, the weekly quizzes may be extended.

## Campus Resources

### Math Support Services

Open Hours:

Monday – Friday: 9am – 7pm

Saturday: 11am – 4pm

Sunday: 11am – 3pm

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

Email: [mathdesk@linnbenton.edu](mailto:mathdesk@linnbenton.edu) for questions

### MTH 243 Discord Channel

Join our MTH 243 Discord to interact with other students taking this course, great for working on the online homework and on the Write-Ups!

<https://discord.gg/EDqef7y8Pb>

## **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**

For homework and write-ups, it is strongly encouraged you work in groups, but each student must submit their own work!

## **Tips for Success in This Class**

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

- Do take advantage of Drop-In hours (and make appointments with me!)
- 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](mailto: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 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).

## **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.

[Equal Opportunity and Non-Discrimination Policy](#)

## **Basic Needs Statement**

Any student who has difficulty affording food or finding a safe and stable place to live, or who needs assistance with resources for transportation, childcare, etc., is urged to contact the [Roadrunner Resource Center](#) for support and referral to community resources. Also, please talk with your instructor if you are comfortable doing so. This can help them direct you to the appropriate office and resource.

## **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/Emergency Resources:**

In an emergency, call 911. Also, call [LBCC Public Safety and Loss Prevention Office](#) 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 MyOpenMath and/or through LBCC e-mail.

## **Tentative Class Schedule**

Please see the tentative class schedule for the overall plan for this term.

**Lastly, let's have a great term!**