

MTH 241, Virtual
Calculus for Biological,
Management and Social Sciences
Fall Term 2021

Instructor Information

Instructor Name: Marlon J. Flores

Office: Zoom meeting

E- mail: marlon.flores@linnbenton.edu

Office Hours: Schedule zoom meeting appointment.

Office hours zoom meeting link: <https://linnbenton.zoom.us/j/95594681214>

Course Information

Prerequisites: MTH 111 (College Algebra or equivalent.)

Day and Hours of Class: Tuesday and Thursdays 8:30 am – 10:20 am, mandatory zoom meeting attendance.

Zoom meeting link: <https://linnbenton.zoom.us/j/92952540697>

CRN: 21340

Section: B01

Course description: Introduces calculus as applied to business, the social sciences and life sciences. It uses an intuitive development of the calculus of polynomial, exponential and logarithmic functions, extrema theory and applications.

Materials: Open Source Textbook and platform, graphic calculator, TI 83 or TI 84 Preferred.

IMPORTANT: Video conference capable equipment.

Enrolling in the Class Platform: MyOpenMath

1. Go to www.myopenmath.com
2. Click on "Register as a New Student" or use existing account.
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 (the one you check daily)
6. Enter the Course ID:
7. Enter the Enrollment Key:

Outcomes

Upon completion of this course, students will be able to:

- Apply calculus to solve problems with confidence, persistence and openness to alternate approaches.
- Interpret and communicate the concept of rate of change and derivatives.
- Collaborate to solve calculus problems related to their field of study.
- Recognize when and how to proficiently apply calculus tools to solve problems in business management, social sciences and biological sciences.
- Use graphing calculator or other technology in solve applied problems.

Suggestions to succeed in MTH 241

- Come to class, have your class material ready and be mentally present and engaged.
- Speak out 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 group.

Grading Policy: Grades will be based on

2 Tests and Final.....	65%
Homework.....	20%
In class group work.....	15%
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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 and a comprehensive final in this course. Testing will be done in class. 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.

Tests will be virtual proctored.

Homework: The homework grade (20%) will be based on the grades of your weekly homework assignment on MyOpenMath, unless some other special instructions are given by your instructor.

In class group work: These 15% are intended to reinforce the concepts introduced in class and share your insight on the problems with your group members. “You cannot make these up if you miss class”.

The groups should be form of a maximum of 4 members and a minimum of two.

Other

LBCC Comprehensive Statement of Nondiscrimination:

LBCC prohibits unlawful discrimination based on race, color, religion, ethnicity, use of native language, national origin, sex, sexual orientation, marital status, disability, veteran status, age, or any other status protected under applicable federal, state, or local laws.

(for further information <http://po.linnbenton.edu/BPsandARs/>)

Disability Services Statement:

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. If additional assistance is required the student should contact the Office of Disability Services (ODS) 917-4789.

Inclusion Statement

The LBCC community is enriched by diversity. Each individual has worth and makes contributions to create that diversity at the college. Everyone has the right to think, learn, and work together in an environment of respect, tolerance, and goodwill. (Related to Board Policy # 1015)

Academic Dishonesty

Acts of academic dishonesty are regarded by the college as very serious offenses. Penalties will be the maximum permitted by the college.

Center of accessibility resources 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 talk to your instructor as soon as possible to discuss your needs. If you believe you may need accommodation but are not yet registered with CFAR, please visit the CFAR website at www.linnbenton.edu/cfar for steps on how to apply for services or call 541-917-4789.

Fall 2021, MTH 241

Tentative Schedule

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

	Tuesday	Thursday
1	Intro Chapter 1	Chapter 1
2	Sect 2.1	Sections 2.2 and 2.3
3	Sections 2.4 and 2.5	Sections 2.6 and 2.7
4	2.8	2.9
5	Test 1	Section 2.10
6	Sections 2.11	Section 3.1
7	Section 3.1, 3.2	Veteran's Day
8	Sec 3.3	Test 2
9	Section 3.4	Thanksgiving
10	Section 3.5,3.6	March 14, <u>Review for final</u>
11	Finals	Finals

Last day to withdraw: November 14