



Welcome to MTH 241!

**MTH 241 CALCULUS FOR BIO/MGMNT/SOC SCI**  
**Spring 2022, CRN 40107**

**Meeting times: Monday and Wednesday. 13:00-14:50 PM**

**Zoom meetings: <https://linnbenton.zoom.us/j/96867914759>**

**Instructor: Andrea Moreira Viteri**

**Email: [moreira@linnbenton.edu](mailto:moreira@linnbenton.edu)**

**Office Hours (for students):**

By appointment -- send me an email and we'll figure out a time.

**Course Description:**

MTH 241 (4 credits) 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.

Prerequisite: MTH 111 College Algebra with a grade of C or better.

**Course Outcomes**

1. Identify average and instantaneous rates of change in business and biology applications.
2. Connect graphical, numerical, and symbolic interpretations of the difference.
3. Apply differential calculus techniques to describe the behavior of business and biological functions.
4. Apply techniques of integral calculus to determine net changes in business and biological applications such as marginal analysis, velocity, and growth.

**Course Materials:**

Required:

- Regular access to a computer and the internet.
- Webcam
- Scientific Calculator (Graphing calculators may not be allowed in some tests)

Registering/Enrolling in [MyOpenMath](#)

- Go to [www.myopenmath.com](http://www.myopenmath.com)
- Click on “Register as a New Student”
- Enter a user name, use your student ID number
- Choose and confirm a password, one you will not forget
- Enter your first and last names, and your LBCC or OSU e-mail address
- Enter the following course information:

Course ID: 141848

Enrollment key: 241S22

### Grading:

	Grading Scale:
34% Online Homework & Quizzes in MyOpenMath	90-100% A
18% In class work	80-89% B
30% Two Exams (15% Each)	70-79% C
18% Final Exam	60-69% D
	0-59% F

A grade of Y or WP will not be given in this course. A grade of Incomplete may be assigned at the discretion of the instructor under special circumstances. The student must have completed the majority of the course, been in regular participation and been passing the course prior to the “special circumstance.”

### Late Assignment Policy:

Late Assignment Policy for MyOpenMath (MOM), the online homework: you have four late passes to use at your discretion. A late pass extends one of the assignments up to 48 hours from the due date, but you must use it *before* the assignment is actually due. (If you forget, please email me and I can help.)

All written activities will be accepted up to 48 hours past the due date with a 20% penalty.

### Exams:

You will have 2 tests and a final exam in this course. They must be taken on campus, on the scheduled date, unless prior approval has been granted by the instructor or has authorized accommodations.

### 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.

**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 this class, please contact your instructor as soon as possible to discuss your needs. If you think you may be eligible for accommodations but are not yet registered with CFAR, please visit the CFAR Website for steps on how to apply for services. Online course accommodations may be different than those for on-campus courses, so it is important that you make contact with CFAR as soon as possible.

**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.

**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 a Moodle Announcement, through LBCC e-mail, and/or by MyOpenMath Announcement.