Math 108-002 Syllabus
2018 Spring
Introductory Calculus with Business Applications
Instructor: Ms. Li, Lingxia Alicia

Office: Exploratory Hall, room 4309, or 4301

Email: lli23@gmu.edu (Please include your section #002 when you send email to me.)

Office hours: Thursday, 12:00 pm – 1:00 pm, 3:00 pm – 4:00pm, or by appointment.

Lecture meeting days/time/location:

Tuesday & Thursday, 1:30 pm. – 2:45 pm. Lecture Hall, room #1.

Required Items

1. MyMathLab access code and Textbook: *Calculus for Business, Economics, Life sciences, and Social Sciences.*   By Barnett, Ziegler and Byleen.
    - Every student needs to have a MyMathLab Access Code. With the code, you will have the e-Book, Course assignments, and other course learning tools. Price: $103.95 --**Recommended.** (Neither Printed book, nor E-book are not demanded.)

        Here is the link(with more options): http://www.mypearsonstore.com/bookstore/calculus-for-business-economics-life-sciences-and-social-9780321925138?xid=PSED.)
        Once you get your MML access code, you can use the Course ID: li41183 to get into this class from MyMathLab.com. Note: Please use your official GMU registration name for your MML account.

    - You can also buy the MML code + Loose Leaf book (a la Carte Edition) at GMU book store. The price is $146(if not changed).

2. A lap top, connected to the internet. You need to bring it to class to take the tests and some of the quizzes.

3. Calculator: You may use a Scientific Calculator (not demanded). Graphing Calculators are not allowed.

Material will be covered:
Chapter 1 (all)
Chapter 2 (sections 2.1 – 2.6)
Chapter 3 (sections 3.1 – 3.6)
Chapter 4 (sections 4.1 4.2 4.4 4.5 & 4.6)
Chapter 5 sections 5.1, 5.4
Chapter 6 section 6.1

Homework in MyMathLab:

Homework will be assigned on MyMathLab(MML) every Tuesday and Thursday. The due date is on Thursday.
There are warming-up exercises in "Study Plan". The goal of the warming up questions is to help you understand the course material better. You are encouraged to visit the "Study Plan" and complete as many problems as possible.

Quizzes:

A weekly **quiz** will be given on Thursday. It will be by paper or on-line(MML). It takes 15 – 30 minutes long.

Examinations:

There will be three term exams. Each will cover the material taught in class but not the material covered by the previous test. The final exam will be cumulative/comprehensive. All tests will take place in the same class room. They will be on-line. So please bring your laptop the tests.

- **1st Test:** February 22, Thursday
- **2nd Test**: March 29, Thursday
- **3rd Test**: April 26, Thursday
- **Final:** 5/15/18, 1:30pm – 4::15 pm, Tuesday

Grading: The lowest midterm test score will be dropped.
Two lowest quiz scores will be dropped.
Home work 10% + Quizzes 40% + Two Midterms 30% + Final 20

- A+: 100 – 98, A: 97 – 92. A_: 91 – 90
- B+: 89 – 88, B: 87 – 82, B_: 81 – 80
- C+: 79 – 78, C: 77 – 72, C_: 71 – 70
- D: 69 – 60, F: 59 – 0.

Make-up exams/Quizzes:
➢ Because two lowest quizzes will be dropped, make-up Quizzes will NOT be given in any circumstances.
➢ Make-up exams require a **legitimate excuse** to be considered. Make up exams are often more difficult than in-class ones-----**avoid** them.
➢ **Definition of a Legitimate Excuse**: Several types of material constitute a legitimate excuse, which *may* make a student eligible to take an alternate form of a test or quiz including the following: doctor's note, battle wounds, or other proof of an emergency (unavoidable) situation. Vacations, birthday celebrations, hangovers, and other similar circumstances will not be consider legitimate.
➢ If you have to miss a test, it is your responsibility to contact me **before** the test. If there is an unexpected emergent case happened on the day you take the exam, or you are unable to contact me before the test, you need to contact me the same day or one day after the exam.

Missing lectures and Lecture notes

If you miss a lecture in any case, it is your responsibility to get the lecture notes from one of your classmates.

Honor code/Collaboration:

- Needless to say, collaboration of any kind during tests or quizzes, is cheating. You are to abide the **GMU's Honor Code.**
- During a test or in-class-quiz, you are not allowed to help anyone nor receive any help from anyone, except possibly from the test/quiz proctor.
- During a test or in-class-quiz, you are not allowed to use any external sources such as textbooks, notes, cell phone, programmable/graphing calculators, etc, unless otherwise clearly stated on the tests/quizzes.
- However, collaborative discussion about the homework is allowed and encouraged! Be sure though, to understand them and write your own solutions.
  For more information about the Honor code, please refer to: http://mason.gmu.edu/~montecin/plagiarism.htm

Courtesy:

Be courteous to your fellow classmates. **During lectures be quiet and please turn off your cell phone!**

Available Help:

-See me during my office hours.
-Undergraduate Math Tutoring Center, located in the Johnson Center room 344. Help is available on a walk-in basis.
For hours of operation, see *http://math.gmu.edu/tutorcenter.htm*

Other Important information:

Calendar/Important Dates: **https://registrar.gmu.edu/calendars/spring-2018/**

Final Exam Schedule: https://registrar.gmu.edu/calendars/spring-2018/final-exam/

Campus Map: http://www.gmu.edu/resources/welcome/FairfaxMap2016.pdf

Come to class and do the homework, you will succeed!