

# MATH 238, Calculus for Business and Social Science, Spring 2018

TTh, 7:45-10:15am, 5.00, CMS 21

**Instructor:** Roula Dakouk

**E-mail:** dakdourr@lamission.edu

**Office:** CMS 248

**Office Hours:** MW 10:20am-12:20pm, 2:50 – 4pm

**Text:** *College Mathematics for Business* 13<sup>th</sup> edition by Barnett, Ziegler, Byleen

**Course description:** A course in Calculus intended for Business and Social Science majors. The following topics and their business applications are included: polynomial, rational, exponential and logarithmic functions; differentiation and integration; integration by parts; numerical integration; improper integrals; multivariable calculus.

**Final Exam Date:** Tuesday, May 29 from 7:30 – 9:30am

## **Student Learning Objectives:**

- Apply the techniques of calculus to solve business-related problems.

**Grading:** Exams – 60%, Final – 28%, Homework – 12%

**Grading Scale:** Typically 88% earns the lowest A, 78% the lowest B, and 68% the lowest C

**Attendance:** Attendance is very important in the learning process. If you are absent, it is your responsibility to keep up with the material as noted on the schedule. Most of the time, attendance will be taken using a problem of the day. This problem will be worth three points and will be related to that day's lecture. You may use your book, notes, or whatever is on the board to solve the problem (but you must work on your own).

There are no make-ups for any in-class activities. Missing multiple class meetings may lead to you getting dropped from the class. However, it is always your responsibility to be sure to drop or verify that you are dropped from the class should you stop attending. **Do not assume I will drop you.**

**Exams:** You will be given four exams, and a comprehensive final exam on the dates noted on the course schedule. Your lowest exam score may be replaced by that of the final, if it is to your advantage. You may use a scientific calculator on any exams. **You must show all your work directly on the exam.** Any student that does not take the final exam will fail the course, regardless of his or her grade to that point.

Any student caught cheating on an exam will receive no points for that exam; this score will not be replaced by that of the final. Any form of academic dishonesty can be grounds for receiving a grade of F and possibly dismissal from the college. **STUDENTS ARE TO ADHERE TO THE CAMPUS POLICY ON ACADEMIC INTEGRITY AS OUTLINED IN THE CURRENT CATALOG.** (See campus policy on Standards of Student Conduct as outlined in the current LA Mission College Schedule of Classes) You must take the final exam with the rest of the class at the scheduled time listed above. Make-up exams are only allowed if a student has a “verifiable documented emergency” (i.e. car accident, hospitalization, etc.)

## **Tutoring:**

If you have questions or you would just like to get more help, free tutoring is available in the STEM Center located in CMS121 and in LRC. The hours of the STEM Center are: M-Th 11am-7pm. On Fridays, there will be Math tutoring at the LRC from 10am-4pm.

**Homework:** Homework will be assigned online through MyMathLab ([www.mymathlab.com](http://www.mymathlab.com)). You will need both an access code and a course number to get into our course page. You will have a 14-day grace period before you must enter in your access code. Your textbook should have come with a MyMathLab access code. If it did not, you may purchase one online by following the prompts at [mymathlab.com](http://mymathlab.com)

**MyMathLab Course ID:** [dakdouk06259](#)

For more information on how to register and get started with your online homework, view the LAMC Online Homework webpage at <http://www.lamission.edu/math/onlineHW.aspx> or see the handout at the end of this syllabus.

Online assignments will be made available and be due at various times throughout the semester so be sure to regularly check the course page. These online assignments will form your homework score (as calculated and shown to you in MyMathLab).

**Cell phones and other electronic devices:** To avoid unnecessary interruptions in this class, all electronic devices must be turned off or on silent mode and kept out of sight. Students not following this policy may be asked to leave class and any scores for that day will be zero. No cell phones are allowed to be out of backpacks during exams or quizzes. Use of a cell phone in any form during an exam may result in a score of zero for that exam.

**Management of Stress and Mental Health:** If you or someone you know is in distress due the pressure of succeeding in school and contending with work, financial issues, relationships, managing time effectively, getting enough sleep, etc., please visit the Student Health Center (SHC). The SHC offers a broad range of confidential student services including counseling and mental health services. The SHC is located in the Bungalow just west of the Collaborative Studies Building. The SHC webpage is [www.lamission.edu/healthcenter](http://www.lamission.edu/healthcenter) and the phone number is 818-362-6182. The National Suicide Prevention Lifeline number is 800-273-8255.

**DSPS:** Students requesting academic accommodations should use the following procedure:

Step 1: Obtain documentation of your disability from a licensed professional. You may contact DSPS to request a Disability Verification Form.

Step 2: Make an appointment to meet with a DSPS Specialist to review your documentation and discuss reasonable accommodations. To schedule a meeting, please call DSPS at (818) 364-7732.

Step 3: Bring your disability documentation to your DSPS appointment. The DSPS office is located in room 1018 of the Instructional Building.

Step 4: Each semester, reach written accommodation agreement with the DSPS Specialist and your instructor.

To be most effective, students should complete this process by the end of the 3rd week of the semester. Tests with required accommodations must be taken at the DSPS office.

### **Significant changes to the drop policy and class repetition are now in effect**

**Last day to drop without a W:** The last day to drop without getting a W is Tuesday, February 20<sup>th</sup>.

**Class repetition:** Students are limited to three attempts at passing a course with a “C” or better. Any letter grade or “W” counts as an attempt. And this rule is retroactive. This means for example that if a student got a “W” and a “D” in Math 238 two years ago, he has one more chance to pass before he is prevented from enrolling in Math 238.

## Math 238 Tentative Schedule

Week	Tuesday	Thursday
2/5 - 2/9	Introduction Chapter 1 Review	Chapter 1 Review, 2.1
2/12 - 2/16	2.2, 2.3	2.3, 2.4
2/19 - 2/23	2.5, 2.6	Exam #1 (Chapter 1 - 2)
2/26 - 3/2	10.1, 10.2	10.3, 10.4
3/5 - 3/9	10.4, 10.5	10.6, 10.7
3/12 - 3/16	Exam #2 (Chapter 10)	11.1, 11.2
3/19 - 3/23	11.3, 11.4	11.4, 11.5
3/26 - 3/30	11.5, 11.6	<b>HOLIDAY</b> (no classes)
4/2 - 4/6	<b>Spring Break</b> (no classes)	
4/9 - 4/13	12.1, 12.2	12.2, 12.3
4/16 - 4/20	12.4	12.5, 12.6
4/23 - 4/27	Exam #3 (Chapter 11 - 12)	13.1, 13.2
4/30 - 5/4	13.3, 13.4	13.4, 13.5
5/7 - 5/11	14.1, 14.2	14.2, 14.3
5/14 - 5/18	14.3, 14.4	Exam #4 (Chapter 13 - 14)
5/21 - 5/25	15.1, 15.2	15.2, 15.3

**FINAL EXAM:** Tuesday, May 29 from 7:30 – 9:30am