

**MATH 238  
FALL 2012**

**Instructor:** Dr. A. Malki

**Contact information:**

- **Phone:** (818)364-7898
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- **Office hours:** CMS 248: MW 1:30-3:30
- **Course:** Math 238, Calculus for Business and Social Sciences

**Text:** College Mathematics for Business, Economics, Life Sciences, and Social Sciences, by Barnett, Ziegler and Byleen, 12th edition.

**Class Section:** 3245

**Time:** MW 7:00-9:30PM

**Room:** CMS 021

**Important Dates:** these dates are from the schedule of classes and are subject to change

- Monday, Aug. 27 classes begin
- Monday, Sep. 3 Labor Day, college closed
- Thursday, Sep. 6 last day to add classes
- Friday, Sep. 7 last day to drop classes without "W"
- Friday, Nov. 2 last day for section transfer
- Monday, Nov. 12 Veteran's Day, college closed
- Friday, Nov. 16 last day to drop with a "W"
- Thursday, Nov. 22-25 Thanksgiving Holiday, college closed
- Saturday Dec. 8 classes end
- Mon. Dec. 10-15 final exams week
- **FINAL EXAM TIME: Monday December 10, 8:00-10:00PM**

**Course Description:** We will cover the following topics:

- Chapter 1: Elementary Functions
- Chapter 2: Functions and Graphs
- Chapter 10: Limits and the Derivative
- Chapter 11: Additional Derivative Topics
- Chapter 12: Graphing and Optimization
- Chapter 13: Integration
- Chapter 14: Additional Integration Topics
- Chapter 15: Multivariable Calculus

**Student Learning Outcomes (SLO's):**

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

**Resources:** Free tutoring is available at the Math Center in the basement of the Campus Center and the Math Lab in the library. Calculators and textbooks can be checked-out from the Math Center.

**Note:**

- As a courtesy to other students, please turn off all cell phones before class starts.
- Graphing calculators, cell phones, etc. are not allowed during exams

**Class Structure:**

Most of the class time will be used for lecturing and answering questions. Some time will also be used for students to work in groups. Students should also expect to be called upon to solve problems on the board. Class environment is to be informal, open and relaxed; hence students are strongly encouraged to participate fully in class and to ask questions.

**Exams:**

1. There will be six examinations of 100 points each. The lowest grade of these six examinations will be dropped. There will be **no make-up examinations**, since the missed exam will be the one dropped. Any other missed examination will receive a grade of 0.
2. A **comprehensive final** examination of 200 points. There are **no make-ups** for the final and all students must take the final exam.

**Exams will be announced in class in advance**

**Homework:**

Homework will be assigned on a regular basis, but will not be collected nor will it be counted in the grades. Questions on the homework will be answered in the class.

**Attendance:**

Students are expected to attend all class meetings. Unexcused absences of four meetings may result in excluding students from class. Students themselves are responsible for dropping a class they no longer attend; failure to do so may result in a grade of F.

**Grades:**

Grades will be based on the total number of points earned for tests and the final:

<b>TOTAL POINTS</b>	<b>GRADE</b>
• 630-700	A
• 560-629	B
• 490-559	C
• 420-489	D
• BELOW 420	F

**NO "INCOMPLETE" GRADES WILL BE GIVEN**

**NOTE: STUDENTS THEMSELVES ARE RESPONSIBLE FOR DROPPING THE CLASS,  
ACCORDING TO COLLEGE REGULATIONS.**

**Study Tips:****General:**

- Attend all class meetings
- Do not fall behind on your homework or study
- Math is cumulative, what you study now will be needed later
- Avoid anxiety, the best way to do that is by being well-prepared
- Motivate yourself by remembering what a good education means for the future
- Do not rely too much on memorization, concentrate on understanding ideas
- Math is like a foreign language, it must be practiced-- often
- Develop responsibility for your education

**Before the test:**

- Do the Chapter tests in the book
- Do not stay up late the night before the test
- Arrive ahead of time

**During the test:**

- Read the instructions
- Begin with the problems that you know how to do
- Show all your work neatly
- Review your work