



**Los Angeles Valley College**  
**Mathematics 238**  
**Calculus For Business and Social Science I (5 Units)**  
**Spring 2016**

**Section#:** 3306  
**Class Hrs:** MW 4:00-6:30 pm  
**Room:** MS109

**Instructor:** Anzhela Baghumyan  
**Office:** MS112  
**Drop-in Hrs:** W 3:00-4:00 pm, 9:20-10:10 pm  
**Email:** baghuma@lavc.edu

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**COURSE INFORMATION**

**Catalog Description:**

This course presents a study of the techniques of calculus with emphasis placed on the application of these concepts to business and management related problems. The applications of derivatives and integrals of functions including polynomials, rational, exponential and logarithmic functions are studied. Topics in this course include: techniques of differentiating; maximum-minimum problems; curve sketching; derivatives and applications of exponential and logarithmic functions; techniques of integration; linear approximations; the calculus of functions of several variables, including Lagrange multipliers and multiple integration.

**Prerequisite:** Mathematics 125 with a Grade of C or better or appropriate skill level demonstrated through the math placement process.

**Student Learning Outcomes:** Students will be able to think analytically about higher level mathematical concepts in order to model and solve calculus problems.

**Required Textbook:** Applied Calculus For the Managerial, Life, and Social Sciences, 10<sup>th</sup> Edition by Soo T. Tan.

**Important Dates:** Last day to Add or Audit— Friday, 02/19/2016  
Drop classes without receiving a “W”— Sunday, 02/21/2016  
Drop classes with a “W”— Sunday, 05/08/2016

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**COURSE COMPONENTS & GRADING**

**Materials needed:** Textbook or e-text, 2 notebooks, pencil and eraser to be brought to class every day.

**Calculator:** The use of a scientific calculator is allowed during class and exams. No Cell Phones!

**Online Homework:** This is a web enhanced course which means your homework is assigned online on WebAssign software. Each week's homework is due the following Monday. You should have a separate notebook just for practicing homework (that will not be collected), different from your lecture notebook. You can ask homework questions in class, consult me during posted drop in hours to receive individualized help or you can drop by at **MathLab in LARC 226** for FREE tutoring services.

How to Enroll in WebAssign:

1. Go to <http://webassign.net>
  2. Click on “Enter Class Key” and in the space provided enter **lavc 7687 5585**
  3. Sign in with an existing WebAssign account or create a new account.
  4. Use the access code that came with your book or that you purchased separately from the bookstore.
- You will get 14-day free access if you need time to purchase a code.

**Quizzes:** There will be **4 quizzes** administered on the dates listed on the schedule attached. *No makeup quiz will be given under any circumstances.*

**Exams:** There will be **4 exams** already scheduled on the calendar. Your lowest test score will be replaced by your Final Exam score. *There are no makeup exams.*

**Final Exam:** The Final Comprehensive Exam is on Monday, **06/06/2016**. The final exam is an accumulation of all the homework, review sheets and tests throughout the semester so it is imperative that you learn from your mistakes by reviewing the graded tests carefully.

**Possible Points & Grading Scale:**

Quizzes	10%	A	90%-100%
Homework	10%	B	80%-89%
Exams	60%	C	70%-79%
Final Exam	20%	D	60%-69%
Total	100%	F	59% and below

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**CLASS POLICIES**

**Plagiarism and Academic Dishonesty:** Plagiarism is the use of others' words and/or ideas without clearly acknowledging their source. When you incorporate those words and ideas into your own work, you must give credit where credit is due. Plagiarism, intentional or unintentional, is considered academic dishonesty and is not tolerated. Anyone found to be plagiarizing or cheating on assignments (e.g., copying or giving answers, using 'crib' sheets, etc.) will (1) receive a zero (fail) on the assignment, and (2) be referred to the Vice President of Student Services for further disciplinary action, following due process. For further information on plagiarism, go to the Writing Center website (<http://www.lavc.edu/writingcenter/handouts/plagiarism.html>) and refer to the STANDARDS OF STUDENT CONDUCT AND DISCIPLINARY ACTION in the current Schedule of Classes and Catalog.

**DISCLAIMER - ADULT CONTENT IS COVERED IN THIS COURSE:** Please be advised that you have enrolled in a college-level course. The content of the course, and the discussions surrounding the lessons, may contain controversial, sexual, religious and political content, or otherwise thought-provoking topics. We reserve the right to edit inappropriate language that may appear in this course.

**DISCLAIMER – SUBJECT TO CHANGE:** Please be advised that this syllabus is subject to change at any time at the sole discretion of the instructor.

**Attendance Regulations:** The only students who may attend classes are those who have been admitted to the college and are in approved active status. Students are expected to attend every meeting of all classes for which they are registered. Violation of this regulation may result in exclusion from class as specified in Administrative Regulation E-13. Provisions of Administrative Regulation E-13 include the following:

1. Students who have registered for a class and who do not attend the first meeting of the class forfeit their right to a place in the class. Special circumstances may be considered by the instructor.
2. Whenever absences in hours exceed the number of hours the class meets per week, the instructor will consider whether there are mitigating circumstances which may justify the absences. If the instructor determines that such circumstances do not exist, the instructor may exclude the student from the class.
3. Three cases of tardiness may be considered equivalent to one absence.
4. It is the student's responsibility to consult with an instructor regarding any absences that would alter the student's status in the class. Students enrolled in a course who fail to attend the first class meeting may be dropped from the course by the instructor. Students who will miss the first class meeting must advise the instructor of the absence prior to the first class meeting in order to be assured that they will remain enrolled in the class.

Students are ultimately responsible for dropping the class should they choose to do so. Failure to do so may result in a grade of "F" in the class.

**Accommodation Statement:** If you are a student with a disability requiring classroom accommodations, and have not contacted SSD, do so in a timely manner. SSD is located in the Student Services Annex, Room 175 or call SSD at (818) 947-2681 or TTD (818) 947-2680 to meet with a SSD counselor. If SSD has already sent the memo to instructor confirming accommodations required by student for this class, please meet with me to discuss arrangements.

**Financial Aid:** Financial Aid is available! Call (818) 947-2412. Go to the Financial Aid Office in the Student Services Center, first floor. For more info: <http://www.lavc.edu/financialaid/index.html>.