

Course: Math Analysis for Business I
 When and where: TTh 7:00 – 8:20, ET 124
 Start: 19 Jan. 2010; End: 9 May 2011
 Delivery method: lecture

Instructor: Jim Camp
 Office: ET 105 Phone: 335 - 6541 E-mail: jcamp@odessa.edu
 Office hours: MW: 9 - 11; TTh: 9:30 – 11; 4 – 5:30; or by appointment

Course description: Develops quantitative methods of analysis for business problems. Includes a study of set theory, symbolic logic, mathematical relationships, vectors and matrices, break-even interpretations, linear programming, probability and expected value as aids in formulating business decisions. The student will learn to select appropriate mathematical techniques and technologies and use skills in information organizing, processing, planning and problem solving. (SCANS 3,8,9)

Learning outcomes:

After completing this course, the student should be able to demonstrate competency in:

- 1.0 Linear equations
- 2.0 Matrices
- 3.0 Linear programming
- 4.0 Finance
- 5.0 Sets and counting
- 6.0 Probability

Text: Mathematics: An Applied Approach, by Sullivan and Mizrahi

Material to be covered: Chapters 1 – 7

Exams: there will be four 100 point exams and a final exam. Tentative exam schedule:

Date	Test	Sections
Feb. 1	1	1.1 - 2.3
March 1	2	3.1 - 4.2
March 29	3	5.1 - 5.4
April 21	4	6.1 – 7.3
May 10 7:30 PM	Final	Comprehensive (the final will not be dropped)

You will not be allowed to use a cell or smart phone on exams.

Tutoring: free tutoring is available in ET 120. There is no math lab requirement for the course.

Attendance: If you have a perfect attendance record, I will add five points to your final average. For each class, one less point will be added. After five absences, I will subtract one point for each absence. There are no excused absences. To be counted present, you must arrive on time and stay for the entire period.

Homework: homework will be assigned and taken up daily. Homework will always be due at the beginning of each class period. Late homework will receive half credit. No work will be accepted more than 7 days late. Your homework average will be 20% of your grade.

Special project: A special project will be required during the semester. I will provide information on this later.

Determination of course average: at the end of the semester (before the final) you will have four exam grades. I will drop the lowest of the four exam grades, then add your final exam grade, and your homework average. Each exam will be 20% of your grade, and the final exam will be 20% of your grade.

Course grade: I will assign a grade according to the following schedule:

Average	Grade
90 – 100	A
80 – 89	B
70 – 79	C
60 – 69	D
0 – 59	F

Other rules:

1. No use of a cell or smart phone. Turn it off. I do not want to hear a cell phone ring during class. Do not do text messaging or read email during class. If you use a phone in class, you will receive a zero for that class.
2. No eating during class. You may bring a drink, but no food.

Special Needs

Odessa College complies with Section 504 of the Vocational Rehabilitation Act of 1973 and the Americans with Disabilities Act of 1990. If you have any special needs or issues pertaining to your access to and participation in this or any other class at Odessa College, please feel free to contact me to discuss your concerns. You may also call the Office of Disability services at 432-335-6861 to request assistance and accommodations.

Learning Resource Center (The Library)

The Library, known as the Learning Resources Center, provides research assistance via the LRC's catalog (print books, videos, e-books) and databases (journal and magazine articles). Research guides covering specific subject areas, tutorials, and the "Ask a Librarian" service provide additional help.

Student Email

Please access your [Odessa College Student E-mail](#), by following the link to either set up or update your account: <http://www.odessa.edu/gmail/>. **All assignments or correspondence will be submitted using your Odessa College email.**

Student Portal

Technical Support

For Blackboard username and password help and for help accessing your online course availability and student email account contact the Student Success Center at 432-335-6878 or online at https://www.odessa.edu/dept/ssc/helpdesk_form.htm.

Important School Policies

For information regarding student support services, academic dishonesty, disciplinary actions, special accommodations, or student's and instructors' right to academic freedom can be found in the Odessa College Student Handbook.