

Odessa College
Math Analysis for Business I
Spring 2011
1/17/12-5/11/12

Instructor: Dr. Jack Bennett

Contact Information:

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Office: ET 106

Phone: 432-335-6634

Office Hours:

Monday and Wednesday: 2:00 – 5:30 pm

Tuesday and Thursday: 9:30-11:00 am

Course Number: Math 1324.11

Class Meetings: Tuesday and Thursday, 8:00-9:20 am, ET 122

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, 8e, by Sullivan and Mizrahi
Material to be covered: Chapters 1 – 7 (parts)

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

Tentative exam schedule:

Date	Test	Sections
Feb. 7	1	1.1, 1.2, 1.3, 2.1, 2.2, 2.3
March 1	2	3.1, 3.2, 3.3, 4.1, 4.2
March 29	3	5.1, 5.2, 5.3, 5.4
April 24	4	6.1, 6.2, 6.3, 6.4, 6.5, 6.6

Final Exam: Tuesday, May 8, 8-10:30 am; the final exam is comprehensive

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

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

Homework: homework will be assigned and taken up every Thursday. Homework will always be due at the beginning of the class period. Late homework will receive half credit. No late homework will be accepted after the corresponding exam. Your homework average will be 30% of your grade.

Course Grade:

Your Course Grade will be computed as follows:

Homework: 30%

Exams: 50%

Final: 20%

I will assign a grade based on the following schedule:

<u>Average</u>	<u>Grade</u>
90-100	A
80-89	B
70-79	C
60-69	D
0-59	F

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.**

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 students' and instructor's right to academic freedom can be found in the Odessa College Student Handbook.