Math 1342
Elementary Statistics – Web Based
Spring 2012
01/17/2011 – 05/12/2011

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Welcome to Elementary Statistics! This sheet will tell you about the course, including subject matter, homework, quizzes, exams and term grade. Almost all of your questions about the course can be answered by reading this handout. If anything is unclear, please do not hesitate to ask for clarification. ***Good Luck!!!***

MATH 1342 Elementary Statistics (27.0501.5119) (3-0)
3 hours
Introduces elements of statistics. Includes frequency distributions, measures of central tendency, elementary probability, binomial distribution, measures of variation, normal distributions, random sampling, tests of significance, t-test and chi-square test. The student will learn to select appropriate mathematical techniques and technologies and use skills in information organizing, processing, planning and problem solving. Recommended for students in education, social science and physical science as well as mathematics. (SCANS 3, 6, 8, 9) Prerequisite: MATH 0375 passed with a "C" or better or satisfactory placement score.

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

1.0 Identifying basic statistical concepts.
2.0 Generating the arrangement and display of descriptive statistics.
3.0 Examining the three measures of central tendency.
4.0 Identifying methods of measuring variation.
5.0 Defining the terms probability, experiment, outcome, and event, calculating probabilities, and counting permutations and combinations.
6.0 Interpreting the normal curve.
7.0 Sampling distributions.
8.0 Testing hypothesis

Required Materials
Required Software: MyMathLab
Optional Textbook: Elementary Statistics by Weiss, 8th Edition, Boston: Addison Wesley Publishing Co.

Technology:
Online students must have a valid e-mail address to register for computer software. The email address that you use to register your software will be the email address to which I will send any information or announcements. Please check this account regularly. It is recommended that you use your Odessa College email address. All work is done through the internet, so you need

internet access. If you do not have access to the internet, you may use the computers in the math lab.

Term Grade
Your term grade will be determined according to the following distribution:

	Homework	Discussion	Exams 1 - 3	Final Exam
Percentage	10%	10%	45% total or 15% each	35%
Drops	2	0	0	0

Please note that I will be checking in on your progress weekly. This includes checking the time you are spending in each section, the homework you have completed, and the exam status.

Percentage (%)	Grade
90-100	A
80-89.9	B
70-79.9	C
60-69.9	D
Below 60	F

Homework
Homework will be assigned for each section. There are suggested dates for completion of the homework, which will ensure that you complete the course on time. These are listed in the suggested completion dates section under the Course Information link in MyMathLab. Your two lowest homework grades will be dropped.

Communication
Communication plays a vital role in an online student's success. Communication methods for this course include announcements, email, and discussion boards. You are required to participate in the discussion boards. Each student should submit 15 meaningful threads in the discussion boards. These can either be new discussions, or they can be replies to other discussion. You will earn credit for meaningful posts to the discussion boards through May 7th. Idle chitchat and non-meaningful posts will not count towards your grade. Any emails I receive will be answered within 2 business days.

Exams
You are allowed two attempts on each of the midterms. I strongly suggest that you take your first attempt at least one day prior to the due date to allow time for studying your mistakes and improving your grade, if needed. The suggested completion date is shown on the suggested completion dates document. I will review midterm exams for partial credit if they are submitted by the suggested completion date. Note that I will NOT review exams for those people who fail the first attempt and do not try a second time, and I will NOT review exams that are submitted after the suggested completion date. To see a list of the suggested completion dates, go to the Course Information link in MyMathLab. The final exam is comprehensive and will be proctored. You must present a picture ID before taking the final exam. All students will take the final exam in the Math Lab located in the OC Mathematics Department. The final exam is comprehensive and will be due by 8:30 PM on May 9th. You will not be allowed to bring your cell

phone into the final exam area. If you do not take the final exam, you will receive an F for the course.

Dropping
The last day to drop a course at Odessa College for the fall semester of 2011 is November 9.

Prerequisites
MATH 0375 passed with a C or better, or an adequate placement exam score.

Tutoring
Tutoring is available through Developmental Studies and in the OC Math Lab. The hours for the math lab are MTWTH 8:30 AM – 8:30 PM, Friday from 8:30 AM – 1:00 PM, and Sunday from 1:00PM - 5:00PM.

Back-Up Plan
You must have a back-up plan for this course in case your primary computer fails during the semester. Please detail the location of the two computers in your student information sheet.

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

Suggested Completion Dates
Elementary Statistics

Homework

Chapter	Suggested Date and Time
1	1/25 (Wednesday) at 11:59 PM
2	2/3 (Friday) at 11:59 PM
3	2/17 (Friday) at 11:59 PM
5	2/29 (Wednesday) at 11:59 PM
6	3/9 (Friday) at 11:59 PM
7	3/30 (Friday) at 11:59 PM
8	4/11 (Wednesday) at 11:59 PM
9	4/20 (Wednesday) at 11:59 PM
10	5/2 (Wednesday) at 11:59 PM

Exams

Exam	Material	Suggested Date and Time
1	Chapters 1-3	2/20 (Monday) at 11:59 PM
2	Chapters 5-7	4/2 (Monday) at 11:59 PM
3	Chapters 8 -10	5/4 (Friday) at 11:59 PM
Final	Chapters 1-3 & 5-10	5/9 (Wednesday) at 8:30 PM