Course Description: MATH/STAT 352 is a calculus-based introduction to the basic ideas of probability and statistical science. Topics to be covered include (but are not limited to) probability experiments, sample spaces, conditional probabilities, random variables, mathematical expectation, variance, Central Limit Theorem, confidence intervals, hypothesis testing and linear regression.

Prerequisites: Math 182 with a “C-” or better.


Statistical Software Package: We will learn basics of a statistical package MINITAB, which is available on the computers in the Math Center Laboratory (AB 610) and in the Data Works Lab in the Mathewson-IGT Knowledge Center. MINITAB can also be accessed remotely from your Internet browser via Citrix Server at http://www.knowledgecenter.unr.edu/dataworks/citrixinfo.html with your Net ID. The knowledge of MINITAB will help you with your statistical projects long after we are done!

General Rules: All students in this class are expected to understand and respect each others’ right to learn the material. Any form of disruption to hinder other students’ learning in the classroom will not be tolerated. Please try to be on time and avoid private conversations, newspaper reading, and eating during the lectures. The noise disturbs other students and the instructor. Your cell phones should be turned off for the duration of the class. There will be no laptop/lab computer web browsing, except for the class activities.

Homework/Quizzes: Homework will be assigned daily and posted online at the course website at http://wolfweb.unr.edu/homepage/tkozubow/stat352summer12.htm. Homework is not to be turned in, and is intended to help you learn the material and prepare you for quizzes, which will be given daily (except for Fridays).

Exams: There will be three in-class exams, given every Friday this class is in session. You will be allowed one 8\(\frac{1}{2}\) x 11" page of handwritten notes for each of the exams. Cell phones, PDAs, and computers must be turned off and put away out of sight during the exams. Please bring scantron sheets for all tests.

Make-up Policy: There will be no make-up or early quizzes. Written doctor’s note will be required to make-up an exam missed due to medical emergency. If there are any extraordinary circumstances that may make you miss an exam, please see the instructor well in advance to make arrangements for make-up.
Grading Policy: Final grades will be based on the weighted average of quizzes and exams with the following weights:

Quizzes 25%
Exams 25% each

Grading Scale: Instructor reserves the right to readjust cutoffs for the advantage of students.

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<tr>
<th>Grade</th>
<th>A</th>
<th>B</th>
<th>C</th>
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<tr>
<td>Cutoff</td>
<td>90%</td>
<td>80%</td>
<td>70%</td>
<td>60%</td>
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Calculators: You may use any calculator you like AND know how to use! You may NOT use a cell phone or a PDA for calculations on exams.

Resources: Free walk-in tutoring is available in the Math Center (AB 610), please check with them (775 784 4433 or www.unr.edu/mathcenter/) for more details about their services. Your other UNR resources include the Tutoring Center (775 784 6801 or www.unr.edu/tutoring/) and the University Writing Center (775 784 6030 or http://www.unr.edu/writing_center/). All these centers support your classroom learning, and it is your responsibility to take advantage of their services.

Academic Integrity: Although forming study groups is encouraged, any work submitted by a student in this course for academic credit will be student’s own work, free of plagiarism. Plagiarism or other forms of dishonesty, such as submitting someone else’s work as one’s own or cheating during an exam, will likely result in a failing grade for the course. Students who make their work available for plagiarism by others will suffer the same consequences as students who plagiarized the work. All students in this course are expected to abide by the academic standards and policies of UNR. Please see http://www.unr.edu/stsv/acdispol.html

Athletics and Other Sanctioned Activities: Any student participating in official school activities that will interfere with exams must let the instructor know right away.

Disability Statement: The Mathematics and Statistics Department supports equal access for students with disabilities. Any student with a disability is encouraged to meet with the instructor at his/her earliest convenience to ensure timely and appropriate accommodations or contact Mary Zabel at Thompson Student Services, Room 107 (784-6000) as soon as possible to arrange for appropriate accommodations.

If you are attending the University on scholarship or financial aid, it is your responsibility to maintain your grades.

As you start this course, it is important to remember that this is a three credit course, we will meet five times per week and you will be given assignments regularly. If you miss class or do not complete homework you will fall behind and it will be very difficult to catch up. This will have a detrimental effect on your grade.

HAVE A GREAT MINI-SESSION!