Econ 2110
Business Statistics II
Credit Hours 3.00
Dr. Adam Vester PhD

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Office Hours: By appointment

Course objectives

The student will demonstrate mastery of statistical terminology through discussion and definition in exams and homework assignments. The student will demonstrate their understanding of statistics through forming a hypothesis, and testing that hypothesis using regression analysis. The student will also demonstrate mastery through the use of software to facilitate the computation of statistical inferences.

The time required to understand the concepts in the course will increase as the semester advances.

Required reading

Douglas Lind, William Marchal, and Samuel Wathen. 2014. Statistical Techniques in Business and Economics, 16th edition (Mcgraw-Hill/Irwin)

Calculator and Software

You will need a calculator for this course. Please choose one you are familiar with. It also helps to have one that has some statistical functions on it.

Evaluation Criteria

Your grade will be determined on the following scale:

93-100%	A	80-82%	B-	67-69%	D+
90-92%	A-	77-79%	C+	63-66%	D
87-89%	B+	73-76%	C	60-62%	D-
83-96%	B	70-72%	C-	> 60%	E

Your grade will be based on performance in the quizzes, on the assignment, in the 2 mid-semester exams, and on the cumulative final exam. The breakdown will be as follows:

Task	% of Course Grade
Assignment	10%
Quizzes	15%
Exam I	25%
Exam II	25%
Final Exam (Cumulative)	25%
Total	100%

Exams

The exams will contain both material from the class material as well as the text. There will be no makeup exams. I will substitute the grade for the final in place for the lowest mid-term exam if it benefits the student, the final will be the most difficult of the three exams, don't count on this option. If a midterm is missed the score for the final will replace the zero for the first missed exam. If both midterms are missed the final score will replace one and a zero will be recorded for the second. There will be no make-up exams for the final.

Quizzes

There will be one quiz for each chapter. I will drop the lowest quiz. The last few chapters cover the most difficult material; do not use that drop early on in the semester.

Assignment
There will be one paper due by the date of the final. It will be a paper on a multiple regression of your choosing (multiple regressions covered in chapter 14)

ADA
For any ADA accommodations please contact the ADA office.