

University of Nebraska at Kearney - College of Business and Technology
Spring Semester 2019
Business Statistics - MGT 233 Sections 2 & 4

Professor: Ron Konecny, Ph.D.

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Office Hours: MW, 1:00-3:30

Required Course Materials: Any of the following editions (You do not need an access code)

Anderson, Sweeney, Williams, et al (2017). *Statistics for Business and Economics* (13ed) : Cengage.

Anderson, Sweeney, & Williams. (2014). *Statistics for Business and Economics* (12e revised) : Cengage.

Anderson, Sweeney, & Williams. (2011). *Statistics for Business and Economics* (11e revised) : Cengage.

Do not purchase any of the international versions, they are substantially different.

Hand-held calculator with scientific functions (e^x , \ln , x^y , $x!$)

Additional material is available on the Web at: [HTTP://Management.unk.edu](http://Management.unk.edu)

Course Description:

A study of basic statistical analysis of business and economic data demonstrating its use in making sound business decisions. F, Sp. MGT233 does not address any primary or secondary AACSB perspectives.

Prerequisites: MATH 123 or MATH 120 is recommended, MATH 102 (if necessary),

Course Objectives:

This course will introduce students to some quantitative methods and techniques of introductory statistics, cultivate their skill in the application of those methods and techniques, and introduce students to some methods and techniques of probability, inference, and hypothesis testing.

Assurance of Learning Goals and Objectives

Graduates will be effective communicators.

- Business Disciplines: Students will demonstrate comprehension in quantitative business analysis. (Understanding)
- Ethical Reasoning: Students will demonstrate an awareness of ethical issues.
- Critical Thinking: Students will be able to analyze, evaluate, and extend arguments. (Analysis/Synthesis).
- Technology: Students will be able to demonstrate the use of appropriate technology and appropriate software in a business setting. (Application)

Student Expectations & Evaluation:

The student is responsible for all assigned reading material and material presented in class. Information will be introduced that is neither contained in the class text nor listed in this proposed course outline. The professor reserves the right to introduce or delete material from this proposed course outline.

400 points: 4 examinations: 100 points each (the fourth exam is the final exam)

100 points: homework and quiz average

500 points total

Grades are assigned using the standard UNK 10 point scale. A 200 point comprehensive final is available upon request. If the comprehensive final is taken, the lowest exam grade from the first three exams will be dropped.

Course Outline: Proposed examination dates. (First day of class January 7, 2019)

Test I	January 28	Chapters 1 to 3	Descriptive Statistics
Test II	February 25	Chapters 4 to 6	Probability Concepts & Probability Distributions
Test III	April 1	Chapters 7, 8, 10	Sampling Distributions & Interval Estimation
Test IV	Finals Week	Chapters 10, 14	Hypothesis Testing & Simple Linear Regression

Homework Due Dates

Homework 1	January 25	Chapters 1 to 3
Homework 2	February 22	Chapters 4 to 6
Homework 3	March 29	Chapters 7, 8, 10
Homework 4	April 26	Chapters 10, 14

Homework problem sets are posted on the <http://management.unk.edu> website at the appropriate time.

Homework is due at the beginning of class. Late homework is accepted with a substantial penalty.

Required UNK Information

Student Code of Conduct and Finals Week Policy:

<http://www.unk.edu/uploadedFiles/admin/vcsa/StudentHandbook.pdf#page=28>

<http://www.unk.edu/academicaffairs/facultyhandbook/index.php?id=3154>

Students with Disabilities

It is the policy of the University of Nebraska at Kearney to provide flexible and individualized reasonable accommodation to students with documented disabilities. To receive accommodation services for a disability, students must be registered with UNK Disabilities Services Coordinator, David Brandt, in the Disability Services for Students office, 175 Memorial Student Affairs Building, 308-865-8214 or by email unkdso@unk.edu

Students Who are Pregnant

It is the policy of the University of Nebraska at Kearney to provide flexible and individualized reasonable accommodation to students who are pregnant. To receive accommodation services due to pregnancy, students must contact Sue Pedersen in Student Health, 308-865-8218. The following link provides information for students and faculty regarding pregnancy rights. <http://www.nwlc.org/resource/pregnant-and-parenting-students-rights-faqs-college-and-graduate-students>

Learning Strategies Office – Success Coaching

Success Coaching is a one-on-one appointment with a Learning Strategies student peer coach. Success Coaching is tailored to support the student's specific needs and goals. A partial list of services include: Time Management, Goal Setting, Study Skills, Getting to know your faculty, Test Preparation and taking, Note Taking and Listening, Memory Improvement, and Organization skills. Contact: Shelley Yentes, Instruction Coordinator, Learning Strategies, 2nd floor Library, 308.865.8997, yentessj@unk.edu

Purpose of General Studies

The UNK General Studies program helps students acquire knowledge and abilities; to understand the world; to make connections across disciplines; and to solve contemporary problems. GS Learning Outcomes are located at: http://unkcms.unk.edu/academic_affairs/assessment/GS_assessment.php

Learning Commons

UNK provides assistance to help you improve your academic performance! The Learning Commons, located on the 2nd floor of the Calvin T. Ryan Library, centralizes several academic services in one convenient place: Language Tables, Library Services, Subject Tutoring, Supplemental Instruction, and the Writing Center are all offered in a casual, collaborative environment. Most services are facilitated by fellow UNK students, which means you will be able to learn and practice more effective study skills, problem-solving techniques, and writing strategies with people who have "been there" and "done that"! Statistics indicate that students who come to the LC regularly are more likely to succeed in their classes--so come early and come often. For more information about schedules and services, contact the Learning Commons at 865-8905 or visit them online at www.unk.edu/lc.

Reporting Student Sexual Harassment, Sexual Violence or Sexual Assault

Reporting allegations of rape, domestic violence, dating violence, sexual assault, sexual harassment, and stalking enables the University to promptly provide support to the impacted student(s), and to take appropriate action to prevent a recurrence of such sexual misconduct and protect the campus community. Confidentiality will be respected to the greatest degree possible. Any student who believes she or he may be the victim of sexual misconduct is encouraged to report to one or more of the following resources:

Local Domestic Violence, Sexual Assault Advocacy Agency 308-237-2599

Campus Police (or Security) 308-627-4811

Title IX Coordinator 308-865-8655

Retaliation against the student making the report, whether by students or University employees, will not be tolerated.