



DAVIS UNIVERSITY

## COURSE SYLLABUS

**MGT235: BUSINESS AND ECONOMIC STATISTICS**

**SUMMER QUARTER 2024**

**QUARTER:** SUMMER QUARTER 2024

**COURSE SYLLABUS FOR:** MGT235 BUSINESS AND ECONOMIC STATISTICS

**CREDIT HOURS:** 4 CREDIT

**INSTRUCTOR:**

**INSTRUCTOR EMAIL:**

**INSTRUCTOR OFFICE HOURS:**

**COURSE DESCRIPTION:** An introduction to the main statistical concepts and methods that are widely used in economics and business. We will study statistical techniques developed through the use of business and economic problems. Time-series and index number analysis, simple and multiple regression and correlation, analysis of variance, and quality control.

**PREREQUISITES:** MGT232 Statistics

**TEXT:** *Basic Statistics for Business and Economics*, 8ed. by Lind Marchall and Wathen, ISBN: 978-0-07-352147-3

**LATE WORK POLICY:** All students are expected to submit homework assignments on time. No late homework will be accepted and the student will receive a "0" (zero) for the homework assignment. Should the student refuse to complete the assigned work for the class, it could result in the student failing the class. All work assigned is expected to be completed on the date assigned. The instructor reserves the right to alter the schedule as necessary.

**PLAGIARISM AND COPYRIGHT INFRINGEMENT POLICY:** Work that is found to be plagiarized receives a grade of zero and often causes a student to fail a class. Documentation of plagiarism is added to the student's academic file as a violation of accepted student conduct and is subject to disciplinary action. Plagiarism is the use of another person's exact words, or their ideas written in the student's words without giving the original author credit.

Plagiarism can result from any of the following:

- Quote material directly without using quotation marks.
- Paraphrase the original so that many of the phrases are the same as the original. A good rule is no more than 3 or 4 words in a row should be the same as the original.
- Copy the original sentence pattern, substitution synonyms for key words.
- Neglect to indicate the source of the original material.

## **ASSESSMENTS:**

### Content

Participation	10%
Assignments	20%
Quizzes	20%
Exams	50%
Total	100%

**COURSE GRADE: A = 93%-100%**

**B = 85%-92%**

**C = 77%-84%**

**D = 70%-76%**

**F = below 70%**

## TENTATIVE CLASS SCHEDULE:

(Subject to change)

Week: Date	Content Covered	Assignments & Assessment Due
<b>Week 1:</b>	Chapter 1 What Is Statistics? Chapter 2 Describing Data: Frequency Tables, Frequency Distributions, and Graphic Presentation Chapter 3 Describing Data: Numerical Measures	
<b>Week 2:</b>	Chapter 4 Describing Data: Displaying and Exploring Data Chapter 5 A Survey of Probability Concepts Chapter 6 Discrete Probability Distributions	
<b>Week 3:</b>	Chapter 7 Continuous Probability Distributions Chapter 8 Sampling Methods and the Central Limit Theorem Chapter 9 Estimation and Confidence Intervals	Midterm Exam- Friday
<b>Week 4:</b>	Chapter 10 One-Sample Tests of Hypothesis Chapter 11 Two-Sample Tests of Hypothesis Chapter 12 Analysis of Variance	
<b>Week 5:</b>	Chapter 13 Correlation and Linear Regression Chapter 14 Multiple Regression Analysis	Final Exam- Friday