

Syllabus - Introduction to statistics and business analytics - Fall 2025

Course Information

Course Title: BUAD 1560: Introduction to statistics and business analytics

Meeting Time: TuTh 12:00pm - 1:15pm

Location: O'Brien Hall 205

Website: <http://tinyurl.com/BUAD1560>

Instructor Details

- **Name:** Shirin Nezampour, Ph.D.
- **Office:** O'Brien Hall 001
- **Office Hours:** TuTh 1:30 pm - 2:30 pm in O'Brien Hall 001

Course Description

Introduction to statistical and business analytic methods used in the analysis of business decisions. Covers issues involving data and data collection, descriptive statistics and data visualization issues. Reviews the use of probability and probability distributions in business decisions. Introduction to sampling and sampling distributions, development of statistical estimation and statistical inference, including confidence intervals for means and proportions, analysis of variance, and various hypothesis tests. Develops correlation, simple linear regression, and introduces simple time series analysis and decision analysis methods

Prerequisites

- MATH 1400, or MATH 1450: BUAD 1060

Textbook

Title: Modern Business Statistics with Microsoft Excel, 8th edition, **Authors:** Anderson, Sweeney, Williams, Camm & Cochran.

Grading Breakdown

- **Homework:** 15%
- **Examinations:** 25% each (2 exams)
- **Group Activities:** 5%
- **Final Exam:** 30%

You will **NOT** be allowed any extra credit projects to compensate for a poor average. The final grade is based on the following scale:

Grading Scale

Grade	Range
A	93.5 - 100
A-	90.0 - 93.5
B+	86.5 - 90.0
B	83.5 - 86.5
B-	80.0 - 83.5
C+	76.5 - 80.0
C	73.5 - 76.5
C-	70.0 - 73.5
D+	66.5 - 70.0
D	63.5 - 66.5
D-	60.0 - 63.5
F	below 60.0

Note: No late homework will be accepted, and no make-up work will be allowed unless in the case of an emergency. Submit incomplete work if necessary, but ensure scanned PDFs are legible before submission.

Exam Dates

- **Midterms:** Oct. 13th, Nov. 27th (70 minutes long)
- **Final Exam:** Dec 9th from 3:30 pm to 5:30 pm

Homework Policy

Homework is required for a better understanding of the material and must be submitted to D2L. No late homework will be accepted, and two homework assignments will be dropped. It is recommended to submit even incomplete work. You can scan your homework and submit it as a PDF, but ensure it is readable.

Attendance Policy

Attendance is required, and the College of Business Administration will be observed.

Make-up Policy

There will be no make-up exams or homework unless there is an emergency.

Important dates

- **August 25:** Classes begin
- **September 1:** Labor Day
- **September 2:** Drop/add ends
- **November 26 - 30:** Thanksgiving Holiday
- **December 14 - January 11:** Winter Break

Important Note

The syllabus may be modified throughout the course. Any substantial modifications will result in a reissued syllabus.