

22 QA 281
Business Statistics I, 4 UG Credit
Time: Tuesday 6:00-9:30PM Lindner 109

Instructor **Feng Mai**
Office: 312 Lindner Hall
Office Hours: Monday and Wednesday 1PM-2PM
 Tuesday 4PM-5:30PM and by appointment
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Text Statistics for Business and Economics, 11th edition, REVISED, by Anderson, Sweeney, and Williams, South-Western Cengage Learning, Mason, Ohio. ISBN-13: 978-0538481649

Grading

Homework	80 Points	20%
Mid-term Exam 1	100 Points	25%
Mid-term Exam 2	100 Points	25%
Final Exam	120 Points	30%
	400 Points	100%

Grade Scale

The final grade will be based on total number of points earned out of 400.

368 - 400	A	288 - 311	C
360 - 367	A -	280 - 287	C -
352 - 359	B +	272 - 279	D +
328 - 351	B	248 - 271	D
320 - 327	B -	240 - 247	D -
312 - 319	C +	Below 240	F

Any dispute of grades should be within one week that exams/HWs are returned. You need to show the instructor your graded exams/HWs with one paragraph statement of the reason for dispute.

Attendance

It is very important that you attend all lectures and take good notes. We will work out problems that are helpful for homework assignments and exams. If you ever have to miss a lecture, make sure you download the notes and example problems from Blackboard and study them.

Homework

Homework problems will be collected and graded. Homework assignments must be submitted at the beginning of the class on the day it is due. There is a 30% per day penalty for late homework regardless of excuse.

Exams

All exams will be CLOSED BOOK and CLOSED NOTES. Any necessary formulas and tables will be provided. Calculators will be allowed during the exam. Calculators may not be shared.

An unexcused absence from an exam will be recorded as a ZERO. An excused absence will be granted only for an absence that meets both of the following conditions:

1) the instructor is notified PRIOR to the exam/quiz or 2) the instructor APPROVES the absence. In case of an excused absence from one of the mid-term exams, the other exams will be given more weight.

Only 1 excused absence is allowed for midterms. Final Exam is comprehensive and mandatory for all students.

Electronic Device Use

The use of cell phones is prohibited during class. Please turn off cell phones (or set to vibrate) during class. You may use computers during class for note-taking and other class-related work only.

Withdrawal Policy

You may withdraw from the class until the drop date, **11/17**.

Incomplete Policy

The university policy will be followed. The I grade will be given only if a student, through no fault of his/her own, is unable to complete the course and has an excused absence from last exam. Students receiving an I grade must contact the instructor during the first week of the following quarter to arrange a method for completing the course.

Honor Policy

Students may work together on homework, but must submit unique individual responses to the assignments. Exams will be “closed-book” and are to be the sole work of each student. Anyone cheating or assisting another during an exam will be given a 0 for that exam and possibly a grade of F for the class. College procedures will be followed and the undergraduate dean will be notified. If warranted, additional action will be taken.

Tentative Schedule

Class Date	Topic	Sections in Text	Assignments Due
Class 1 Sept 27	Syllabus, Introduction, Data & Statistics, Descriptive Statistics I	Chapter 1 Chapter 2	
Class 2 Oct 4	Descriptive Statistics II, Introduction to Probability	3.1, 3.2, 3.3, 3.4	
Class 3 Oct 11	Covariance, Introduction to Probability	3.5, 3.6, 4.1	HW1
Class 4 Oct 18	Relationships of Probability, Conditional Probability, Bayes' Theorem	4.2, 4.3, 4.4, 4.5	
Class 5 Oct 25	Random Variables, Exam 1	5.1, 5.2	HW2
Class 6 Nov 1	Discrete Probability Distributions	5.3, 5.4, 5.5, 5.6	
Class 7 Nov 8	Continuous Probability Distributions	Chapter 6	
Class 8 Nov 15	Sampling and Sampling Distribution Exam 2 <i>Last Day To Drop From Class: 11/17</i>	7.1, 7.3, 7.4, 7.5	HW3
Class 9 Nov 22	Sampling Distribution, Sampling Methods	7.6, 7.2, 7.8	
Class 10 Nov 29	Interval Estimation, Review	Chapter 8	HW4
Dec 6	Final Exam (Comprehensive)		