Statistics I – Spring 2025
MATH 1342.008

Instructor: Fara Meza
Office: RBN 4049
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Class Time: MW 2:30-3:55 pm
Office Hours: Tuesday 8:20- 9:20 am and 1:00- 2:00 pm Thursday 8:20- 9:20 am. Any other time by appointment.

Text: Statistics, Unlocking the Power of Data, 3rd Edition by Lock, Lock, Lock, Lock and Lock
With the access code to WileyPlus (which you must have for this course) includes a complete E-Text and other tools needed for this course.

Course Description
This course is a study of measures of central tendency and dispersion, sampling, hypotheses tests and confidence intervals. It corresponds to the material from chapters 1 - 6.

Prerequisite
Appropriate score on SAT, ACT, TSI, or special permission.

Student Learning Outcomes
By the end of this course, the successful Statistics student should be able to do the following:
• Explain the use of data collection and statistics as tools to reach reasonable conclusions.
• Recognize, examine and interpret the basic principles of describing and presenting data.
• Examine, analyze and compare various sampling distributions for both discrete and continuous random variables.
• Describe and compute confidence intervals.
• Solve linear regression and correlation problems.
• Perform hypothesis testing using statistical methods.

Grades
Your final grade will be determined by the following categories:

Homework	**15%**
Quizzes	**15%**
Exams	**45%**
Final Exam	**25%**

The grade scale is:

90% or better	A
80% to less than 90%	B
70% to less than 80%	C
60% to less than 70%	D
Less than 60%	F

Please note that an "I" grade will only be given in extremely rare circumstances caused by emergency situations (medical emergencies, etc).

Attendance and Participation

Make sure you attend class every day is very important for your success.
Late work will not be accepted and make-up examinations will not be given *except for official University or medical absences.*

Quizzes
One short quiz will be given per week Friday; At the end of the semester ONE quiz will be drop (The one with the lowest grades or the one that you miss)

Homework
Will be online homework (WileyPlus) , due Fridays (11:59pm)

Exams
There will be three exams plus the Final Exam.
Exam 1: Chapters 1 and 2
Exam 2: Chapters 3, 5 and 6 Confidence Intervals
Exam 3: Chapter 4 and 6 Hypothesis Test
Final Exam: All Chapters 1 to 6

Final Exam
Our final exam is comprehensive. No letter grade for the course will be two or more letters grades higher than the letter grade for the final exam. For example, if you make a C on the final exam, you can make no better than B in the course.
Please note that an "I" grade will only be given in extremely rare circumstances caused by emergency situations (medical emergencies, etc).

Classroom Policy
Please be respectful of the students around you at all times. This means that you should turn your cellular phones' ringers off, and keep the classroom clear of distractions like unnecessary talking. Also, make sure you show up to class on time and stay the whole time.

AI is not permitted in this course at all
I expect all work students submit for this course to be their own. Doing your own work, without human or artificial intelligence assistance, is best for your efforts in mastering course learning objectives. For this course, I expressly forbid using ChatGPT or any other artificial intelligence (AI) tools for any stages of the work process, including brainstorming. Deviations from these guidelines will be considered a violation of UT Tyler's Honor Code and academic honesty values.

University Policies For University policies concerning Students' Rights and Responsibilities, Grade Replacement/Forgiveness, State-Mandated Corse Drop Policy, Disability Services, Student Absence due to Religious Observance, Student Absence for University Sponsored Events and Activities, and the Social Security and FERPA Statement please see:
http://www.uttyler.edu/academicaffairs/files/syllabuspolicy.pdf