Statistics I

MATH 1342.001 – Spring 2026

Instructor Information

Instructor: Fara Meza
Office: RBN 4049
Email: fmeza@uttyler.edu

Class Time: Monday, Wednesday, Friday, 9:05 – 10:00 AM
Classroom: RBN 4032

Office Hours:
- Monday & Wednesday: 11:10 AM – 12:10 PM
- Tuesday: 1:00 – 1:50 PM
- Other times by appointment

Course Description

This course covers measures of central tendency and dispersion, sampling, confidence intervals, and hypothesis testing. The course corresponds to Chapters 1–6 of the textbook.

Prerequisite

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

Student Learning Outcomes

By the end of this course, successful students will be able to: - Explain the use of data collection and statistics as tools for drawing reasonable conclusions. - Recognize, examine, and interpret methods for describing and presenting data. - Analyze and compare sampling distributions for discrete and continuous random variables. - Describe and compute confidence intervals. - Solve linear regression and correlation problems. - Perform hypothesis testing using statistical methods.

Required Materials

Textbook: *Statistics: Unlocking the Power of Data*, 3rd Edition
Lock, Lock, Lock, Lock, & Lock

- Students must purchase a **WileyPLUS access code**, which includes the e-text and all required online homework.
- Online homework is **required** for this course.

Grading Breakdown

Category	Percentage
Homework	15%
Quizzes	15%
Exams	45%
Final Exam	25%

Grading Scale

- 90% and above: **A**
- 80% – 89%: **B**
- 70% – 79%: **C**
- 60% – 69%: **D**
- Below 60%: **F**

An "I" (Incomplete) grade will be given only in rare cases involving documented emergencies.

Attendance and Participation

Regular attendance is essential for success in this course. Students are expected to attend every class, arrive on time, and remain for the entire class period.

- Late work is **not accepted**.
- Make-up exams are **not given** except for official university or documented medical absences.

Quizzes

- One short quiz will be given every Friday.
- At the end of the semester, **one quiz grade will be dropped** (the lowest score or a missed quiz).

Homework

Homework will be completed online using **WileyPLUS**. - Assignments are due every **Friday at 11:59 PM**.

Exams

There will be **three exams** plus a **comprehensive final exam**.

- **Exam 1:** Chapters 1–2

- **Exam 2:** Chapters 3, 5, and 6 (Confidence Intervals)

- **Exam 3:** Chapters 4 and 6 (Hypothesis Testing)

- **Final Exam:** All Chapters 1–6

Final Exam Policy

The final exam is comprehensive.

No course letter grade may be **two or more letters higher** than the final exam grade. *Example: A C on the final exam limits the course grade to a B.*

Important Dates

Date	Event
January 19	Holiday
March 9–13	Spring Break
March 30	Last day to withdraw from courses
April 27	Final Exam

Classroom Policies

Students are expected to be respectful at all times. - Turn off or silence cell phones. - Avoid unnecessary talking and distractions. - Arrive on time and stay for the full class period.

Artificial Intelligence Policy

The use of **artificial intelligence tools (including ChatGPT)** is **not permitted** in this course.

All submitted work must be entirely the student's own. Using AI tools at any stage of the work process, including brainstorming, is a violation of UT Tyler's Honor Code and academic honesty policies.

University Policies

For official university policies regarding Students' Rights and Responsibilities, Grade Replacement/Forgiveness, Course Drop Policy, Disability Services, Religious Observances, University-Sponsored Activities, and FERPA, please see:

http://www.uttyler.edu/academicaffairs/files/syllabuspolicy.pdf