

**University of Texas at El Paso
College of Business Administration**

**Fundamentals of Business Statistics
Fall 2021**

1 Course Information

Course: QMB 2301-001: CRN 11354
Instructor: Dr. Seyedmasood Dastan
Email: sdastan@utep.edu
Office Hours: MW 1:30 pm - 3:30 pm or by appointment
Office: College of Business Admin 227
Note: Virtual office hours are also available.

Required Text: Business Analytics
Publisher: Cengage Learning; 3rd edition
Semester subscription to Cengage Standalone Digital Access
Priced at \$119.99 ([Cengage subscription webpage](#))

Time: MW 4:30 pm - 5:50 pm
Location: College of Business Admin 323
Prerequisite: See Academic Catalog

Other Required Materials: Students must have Respondus LockDown Browser and access to a computer device and internet.

2 Catalog Description:

QMB 2301 provides an introduction to the statistical techniques as applied to business data. Included are descriptive statistics, measures of central tendency and variation, probability distributions, sampling theory, hypothesis testing, and regression and correlation analysis. A major effort is devoted to computerized solution techniques to provide managerial information.

3 Course Objectives:

There are three primary objectives for the student in this course:

1. Give an understanding of the prevalence of statistical analysis in business.
2. Develop an understanding of introductory statistical techniques and concepts, including descriptive statistics, measures of central tendency and variation, probability distributions, Central Limit Theorem, and sampling theory hypothesis testing.
3. Become more proficient in Excel.

4 Communication:

The primary method of communication regarding assignments, upcoming tests, and other class matters will be via **Blackboard**. Please make a habit of checking it on a regular basis.

The best way to reach me is via email. I will respond most rapidly to emails sent to sdastan@utep.edu, generally within 24 to 48 hours. Response time to BlackBoard course messages is longer, typically 48 to 72 hours. **I strongly prefer to communicate via emails rather than Blackboard course messages!**

5 Grading Policy:

5.1 Homework:

Homework is essential for this course. First, in teaching an applied math subject, numerous examples and repetition reinforce the subject matter. Second, homework is the only reasonable method available to teach the student to use Excel in an applied and meaningful manner. The homework often has 2 components: 1) problems associated with the previous lecture and 2) Excel problems related to the next class lecture. **The student is expected to read the material for the upcoming lecture and complete the assigned excel problems.** A student should expect to spend 30 minutes to an hour on homework a night. A student with little or no Excel knowledge should be prepared to spend extra time on the homework. You are allowed unlimited times to check your homework answers. The homework assignment will be through Cengage MindTap learning platform. Homework assignments will be posted weekly.

There is a flat 10% penalty for late homework submissions, regardless of why you are submitting

the assignment late. Once the deadline is passed, you have till the last day of classes (Dec 2nd) to complete the late homework to be eligible for the partial credit (up to 90% of the credit).

There are no make-up homework. Technical difficulties (such as problems with your laptop, computer, and internet) are not acceptable for missing homework deadlines. I advise you not to wait till the last hours to turn in your homework (Even if you are late for a second, the system automatically recognize it as late and you will be subject to 10% penalty. No excuse is acceptable in such events).

5.2 Individual Assignment:

The individual assignment assignments (IA) account for 10% of your grade. The assignment is available from the first week of the semester and is due the last of day classes (Dec. 2nd). There is no late policy for IA and failing to submit the assignment on time will result in a grade of zero.

5.3 Participation assignments:

At random lectures, a group problem will be assigned and collected. The goal of the participation section is to help the student in comprehension and encourage the student to attend class.

5.4 Exams and Quizzes:

There will be four multiple choice quizzes throughout the semester. You may use your notes and other class materials to complete the quizzes. The quizzes will be online and you have the flexibility to complete them at any time during the week they are posted.

The exams will contain multiple choice questions. You need the blackboard lockdown browser to take the exams. The date of the exams are posted below and on Blackboard.

There will be absolutely no make-up exams. If you have a valid reason for missing one exam, then the exam will be dropped. Please notify me as soon as possible and provide the documentation of the emergency at the earliest possible time (A valid excuse is only applicable to one exam. If for any reason, excused or not, you miss more than one exam, you will receive a grade of zero for the latter ones.).

Valid reasons for missing an exam include a documented medical illness that prevents you from taking the exam, a death in your immediate family, or a documented mandatory court date. On

the other hand, having a doctor appointment or being confused about the exam date or time are NOT valid reasons for missing an exam. All valid reasons must be justified with documentation.

5.5 Grades:

Grades will be determined as follows:

- Syllabus quiz - 0.5%
- Homework - 25%
- Individual assignment - 10%
- Participation assignments - 10%
- Quizzes - 10% (2.5% each)
- Exam 1 - 10% (September 27th)
- Exam 2 - 10% (November 17th)
- Final Exam (Comprehensive) - 25% (December 8th from 7 am to 8:45 am)
- Weighted total - 100.5%

Note that there is no extra credit activity in this class.

Letter Grade Distribution:

90 - 100%	A
80 - 89.9%	B
70 - 79.9%	C
60 - 69.9%	D
Below 60%	Not passing

All requests regarding course grade corrections (e.g., exams, homework) must be submitted in writing within three (3) days after graded materials are returned, reviewed, and/or after grades

have been posted in BlackBoard grade book. After that time, all grades and records become final. Please note that all changes are at the sole discretion of the instructor. There will be no extra credit assignments for this course. **Do not contact me requesting additional assignments.**

6 Course Expectations

- There is no make-up exam or make-up quiz policy. However, if you miss one of the midterm exams (Exam 1 or Exam 2) or essentially underperform in one of them, you can partially replace that exam with your final exam score (with an 70/30 rule, see the example that is following). For example, assume you score 30% in the first midterm exam, 85% in the second midterm, and 90% in your final exam. Your Exam 1 (which is the lowest of the two) will be adjusted in the following way.

$$\mathbf{Adj\ Exam\ 1} = 0.7 \times \mathbf{Final} + 0.3 \times \mathbf{Exam\ 1}$$

Therefore, your adjusted Exam 1 score will be 72% ($0.7 \times 90\% + 0.3 \times 30\% = 72\%$). Note that this adjustment is only enforced if your final exam score is higher than your lowest midterm score. Otherwise, your midterm grade will remain unchanged.

- An average of at least 10-15 hours per week should be devoted to this course; non-native English speaking students should expect to spend substantially more time to this course each week. Students requiring accommodation should communicate their needs to the university so that they can receive appropriate support.
- You do not need to buy a physical copy of the textbook but access to **Cengage online learning tools is required.**
- Reading the chapters every week and solving problems and exercises at the end of each chapter is one of the student's significant responsibilities during this course.
- To perform well on exams, students should read all assigned chapters thoroughly, watch the course lectures available on Blackboard, and work through all guided examples for each chapter.

7 Academic Honesty

Academic dishonesty is prohibited and is considered a violation of the UTEP Handbook of Operating Procedures. It includes, but is not limited to, cheating, plagiarism, and collusion. All exams must be your own work, and you may not use any external sources to receive answers. Cheating may involve copying from or providing information to another student, possessing unauthorized materials during a test, or falsifying research data on laboratory reports. Plagiarism occurs when someone intentionally or knowingly represents the words or ideas of another as ones' own. Collusion involves collaborating with another person to commit any academically dishonest act. Any act of academic dishonesty attempted by a UTEP student is unacceptable and will not be tolerated. All suspected violations of academic integrity at The University of Texas at El Paso will be reported to the [Office of Student Conduct and Conflict Resolution \(OSCCR\)](#) for possible disciplinary action. To learn more, visit the [Handbook of Operating Procedures \(HOOP\): Student Conduct and Discipline](#). Proven violations of the detailed regulations, as printed in the Handbook of Operating Procedures (HOOP), and available in the Office of the Dean of Students, and the homepage of The Dean of Students (DOS) at www.utep.edu, may result in sanctions ranging from disciplinary probation, to failing grade on the work in question, to a failing grade in the course, to suspension or dismissal, among others.

All students are responsible for knowing and adhering to UTEP's Policy on Academic Honesty. For more information see → [Academic Integrity and Scholastic Dishonesty](#)

8 Technology Requirements

Course content is delivered via the internet through the Blackboard learning management system. Ensure your UTEP email account is working and that you have access to the Web and a stable web browser. Google Chrome and Mozilla Firefox are the best browsers for Blackboard; other browsers may cause complications. When having technical difficulties, update your browser, clear your cache, or try switching to another browser. All lecture videos and graded assignments will be completed through your web browser. To view the course PowerPoint slides, you will need to download Microsoft Office (for free) via UTEP's Microsoft Office Portal. Click the following link for more information about Microsoft Office 365 and follow the instructions. Lastly, students wishing to

take full advantage of the live virtual office hours for this class should have access to a webcam and a microphone. IMPORTANT: If you encounter technical difficulties beyond your troubleshooting scope, please contact the UTEP Help Desk as they are trained specifically in assisting with students' technical needs. Please do not contact me for this type of assistance. The Help Desk is much better equipped than I am to assist you!

8.1 Cengage Unlimited subscription

The materials required for this class and any others using Cengage products are included in ONE Cengage Unlimited subscription. For \$119.99 per semester, you get access to ALL your Cengage online textbooks, and access codes, in one place. \$7.99 hardcopy textbook rentals are also available for select titles. Download the free [Cengage Mobile App](#) to get your Cengage Unlimited online textbooks and study tools on your phone. For more information, visit cengage.com/unlimited.

8.2 Respondus LockDown Browser

This course requires the use of Respondus LockDown Browser. Watch this [short video](#) to get a basic understanding of LockDown Browser A student [Quick Start Guide \(PDF\)](#) is also available.

8.2.1 Download Instructions

Click [here](#) to download the Lockdown browser, or [reserve](#) one with Equipment Checkout in the Library 300.

8.2.2 Once Installed

- Open LockDown Browser
- Log into Blackboard Learn
- Navigate to the test and begin

Note: You won't be able to access tests with a standard web browser. If this is tried, an error message will indicate that the test requires the LockDown Browser. Start the LockDown Browser and navigate back to the exam to continue.

9 Other Important Information

9.1 Withdrawal and Incomplete Policy:

Withdrawal and Incomplete Policy: A student may officially withdraw from this class in accordance with UTEP policy and within the UTEP academic calendar dates. Automatic withdrawals will NOT be made by the instructor. To be withdrawn from the class, students must take the appropriate actions on or before the university deadlines. The policy of the College of Business Administration is that INCOMPLETES are to be given only to students who need additional time to complete the specified assignments, and are typically only assigned in extreme circumstances with documentation. Incompletes WILL NOT BE GIVEN to those students who are not passing the course and wish to retake the course at a later date. It is your responsibility to know what the effect of a withdrawal will have on your academic standing, financial aid, scholarships, etc. International students are encouraged to go to the Office of International Program to discuss any schedule changes.

9.2 Students With Disability

The Center for Accommodations and Support Services (CASS) aspires to provide students with disabilities, accommodations, and support services to help them pursue their academic, graduation, and career goals. If you have a disability and believe you may need services, you are encouraged to contact the center to discuss your needs with a counselor. All discussions and documentation are kept confidential. Contact: Monday through Friday 8:00 am - 5:00 pm Phone: (915) 747-5148. Location: Union Building East Room 106. [E-mail: cass@utep.edu](mailto:cass@utep.edu)

10 COVID-19 PRECAUTIONS

Please stay home if you have been diagnosed with COVID-19 or are experiencing COVID-19 symptoms. If you are feeling unwell, please let me know as soon as possible, so that we can work on appropriate accommodations. If you have tested positive for COVID-19, you are encouraged to report your results to covidaction@utep.edu, so that the Dean of Students Office can provide you with support and help with communication with your professors. The Student Health Center is

equipped to provide COVID-19 testing.

The Center for Disease Control and Prevention recommends that people in areas of substantial or high COVID-19 transmission wear face masks when indoors in groups of people. The best way that Miners can take care of Miners is to get the vaccine. If you still need the vaccine, it is widely available in the El Paso area, and will be available at no charge on campus during the first week of classes. For more information about the current rates, testing, and vaccinations, please visit epstrong.org.

10.1 Syllabus

This syllabus contains important information about this class including exam dates, coverage of course material, class policies, and my contact information. Students are responsible for reading this syllabus and understanding the information contained in it.

10.2 Course Evaluation

Your constructive assessment of this course plays an indispensable role in shaping education at UTEP. Upon completing the course, please take the time to fill out the online course evaluation.