



UT PERMIAN BASIN

KINE 6310 701

Statistics

Spring 2024 Session 001

Delivery Method: Online

Instructor Information

Name: Dr. Christopher Hiatt

Email: hiatt_c@utpb.edu

Phone: 4325522259

Office Location: ST2250

Office Hours: TBD

Course Information

Class Location: Online

Location and Meeting Info

How do you work your way through this course? First off, there are clearly no regular class meetings, at least not in a particular place at a particular time. On the other hand, this is not what is sometimes referred to as a self-paced course. Work will generally have due dates. You may do the work at 4:00 AM on Saturday if you wish. However, the work must be completed by the indicated date/time. Some of what you will be asked to do may be as part of a group; some will be individual. It will nearly always be a good idea to consult with each other, just as you would outside of class in a traditional course. Any two people working together are generally much smarter than any one person working alone.

Here is a suggested general approach as you work through a unit:

- Do the reading from the book first, unless suggested otherwise.
- Work through the Web material.

- Complete your class participation obligations as you go.
- Check the discussion area once a day. See below for more detail on "class participation."
- Work the suggested problems from the text, talking (through the discussion board) with colleagues and, if necessary, me about problems you may encounter.
- Take the unit self-quiz.
- If the unit is the last one in a module, take the pretest for the module, and, after review if necessary, request a module test from the online quiz button.

Whenever you work, keep the following at hand and use them whenever you see the associated icon:

- Text
- Journal – a large supply of paper you can keep organized
- SPSS – a statistical analysis system which I think stands for Statistical Package for the Social Sciences
- Calculator – for cases where you don't really need SPSS

Discussion – alerts you to a discussion board assignment

Communication:

Questions are always welcome through Canvas or email. Each module discussion has an Ask the Instructor Thread for any questions you would like to ask publicly.

Email: hiatt_c@utpb.edu

I will be checking my email frequently and I will respond to emails as soon as I read them.

Course Description

Statistical concepts emphasizing simple and multiple regression hypothesis testing and analysis of variance. Prerequisite: one year of college level mathematics.

MATH 6301 is an introductory statistics course designed to help you accomplish two things. First, it should at least get you started on being able to interpret the statistical results of research in your area. Secondly, now that you are undertaking graduate study, you will be expected to conduct research of your own. For that, you will need a solid understanding of the basics of statistical analysis not just to read, but also to write papers that include interesting statements like the one above. If you have questions about the course, prerequisites, expectations feel free to email me

Course Learning Outcomes (CLO)

- Upon successfully completing this course a student will be able to Calculate multiple regressions
- Upon successfully completing this course a student will be able to Organize hypothesis testing
- Upon successfully completing this course a student will be able to Analyze variance

Course Materials

Multiple formats of identical course materials may be contained in this list (i.e. Hardcover book, Electronic Text, etc.). You may only need one of these materials. Please follow the "bookstore link" under the material to go to the official online UTPB bookstore to ensure you are selecting the format which best suits your needs.

Title: Intro to the Practice of Statistics

ISBN: 9781319013387

Authors: Moore

Publisher: Macmillan Trade

Publication Date: 2017

Edition: 9th

Required or Recommended: Required

[Bookstore link](#)

Faculty - This list reflects your selections in the Follett bookstore website.

Additional Materials

SPSS is required for this course. You should be able to download and use SPSS on your device as a UTPB student through the IT department for free. Also, if you are on campus all the lab computers should have SPSS on them.

Important Academic Dates

UTPB [Academic Calendar](#)

Graded Material

Course Activity	Points	Percentage of Total Grade
Module 0 Test	100	10%
Module 1 Test	100	10%
Module 2 Test	100	10%
Module 3 Test	100	10%
Module 4a Test	50	5%
Module 4b Test	50	5%
Module 5 Test	100	10%
Module 6 Test	100	10%
Module 7 Test	100	10%
Participation	200	20%
Total	1000	100%

Grading Scale

Grading: So, what do you need to do? If you finish the course with an average of 90% or higher, you will earn the A. If you finish the class with an average of 80% to 89% you will have earned a B. I do not have a preset scale in mind for other grades. If you ever want to know how you stand in the course, all you need do is ask me (via e-mail, for instance) and I will let you know. There will be an online gradebook for the course, which you can check whenever you wish.

To access your grades, simply click on Grades in the left navigation bar.

Here is the timing for getting, taking, and returning tests.

- You can request a test any time after you have completed the module, its self-quizzes, and your minimum class participation for the module. A test will be made available to you in the form of a Word document.
- Your solutions to the test should be placed into the original test and submitted in the test tab, within 36 hours of the time you request it. The test deadline takes precedence over the 36-hour rule. That is, if your 36 hours would extend past the deadline then you will not get the full 36 hours. The test deadlines are listed in the course calendar at the end of this syllabus.
- Tests are not a community effort and everyone will get different tests.
- Once you have the test, it is too late to ask questions on the discussion board, unless there is a question of clarification in which case you should email me directly.

·Tests completed and received by me by 11:59 PM (all times given are United States Central Standard or Central Daylight, as appropriate) at least two days before the target date will receive 5% bonus (for instance, if you get an 80, your grade will be 84).

·Tests completed and received by me after the target date and time, but prior to 11:59 PM on the second day after the target date will receive a 5% penalty (for instance, if you get a 100, your grade will be 95).

·For example, suppose the target date for Module 1 is a Monday. If I receive your completed test by 11:59 PM on the preceding Saturday, you earn the bonus. On the other hand, if I do not receive the test by Monday, I will accept it up to the evening of the following Wednesday, but you will incur the 5% penalty.

·Tests not completed and received by me by 11:59 PM two days after the target date will not be accepted unless exceptional circumstances require special arrangements that have been made with me PRIOR to the original target date. Your not feeling quite ready to take the test is not considered by me to be exceptional.

·Since the tests are worth 80% of your final grade and there are 8 of them, each is worth 10% of your grade. Note: technically, there are nine tests because Module 4 is broken into two parts, each of which requires a (half) test. These two Module 4 tests together will be the equivalent of one of the other module tests.

My plan is to grade all assignments within one week after their Due Date (not the date you submit) If you have questions about an assignment grade please email me directly

University Policies

Accommodation for Students with Disabilities

Students with Disabilities: The University of Texas Permian Basin in compliance with the Americans with Disabilities Act and Section 504 of the Rehabilitation Act provides “reasonable accommodations” to students with disabilities. Only those students, who an Instructor has received an official Letter of Accommodation (LOA) sent by the Office of ADA for Students, will be provided ADA academic accommodations.

ADA Officer for Students: Mrs. Chermee Peel

Address: Mesa Building 4242/4901 E. University, Odessa, Texas 79762

Voice Telephone: 432-552-3395

Email: ada@utpb.edu

For the accessibility and privacy statements of external tools used within courses, go to [Accessibility and Privacy Statements](#).

Sexual Harassment/Sexual Misconduct Policy

The University of Texas Permian Basin (the University) is committed to maintaining a learning and working environment that is free from discrimination based on sex in accordance with Title IX of the Higher Education Amendments of 1972 (Title IX), which prohibits discrimination on the basis of sex in educational programs or activities; Title VII of the Civil Rights Act of 1964 (Title VII), which prohibits sex discrimination in employment; and the Campus Sexual Violence Elimination Act (SaVE Act), Violence Against Women Act (VAWA), and Clery Act. Sexual Misconduct, Retaliation, and other conduct prohibited under this Policy will not be tolerated and will be subject to disciplinary action.

The University will promptly discipline any individuals or organizations within its control who violate this Policy. The University encourages you to promptly report incidents that could constitute violations of this Policy to the Title IX Coordinator. The complete Sexual Harassment/Sexual Misconduct Policy can be found [here](#).

You may report incidents of sexual misconduct to any University employee. They are obligated to report any incident to the Title IX Coordinator or Deputy Coordinator.

You may also contact:

- The UTPB Police Department at 432-552-2786
- The Title IX Coordinator at 432-552-2697 or TitleIXCoordinator@UTPB.edu.
- The Dean of Students at 432-552-2600
- Reports can also be made via the University Complaint Portal: [UTPB Complaint Management](#)

A **confidential reporting option is available**. Please contact UTPB's Counseling Center at 432-552-3365 or 432-552-2367 or stop by MB 1150.

Scholastic Dishonesty

“Scholastic Dishonesty” is any form of cheating or plagiarism that violates the Student Code of Conduct. Scholastic dishonesty or academic dishonesty includes, but is not limited to, cheating, plagiarism, collusion, falsifying academic records, and any act designed to give unfair advantage to the student (such as, but not limited to, submission of essentially the same written assignment for two [2] courses without the prior permission of the instructor, and providing false or misleading information in an effort to receive a postponement or an extension on a test, quiz, or other assignment), or the attempt to commit such an act. The Student Code of Conduct provides students fair notice of conduct considered unacceptable at The University of Texas

Permian Basin and which may be the basis for disciplinary action. This policy provides the procedures to be following when student disciplinary action may need to be implemented and outlines the appeals process. The Student Code of Conduct is available online at:

<https://www.utpb.edu/life-at-utpb/student-services/dean-of-students/student-code-of-conduct>

Student Success at UTPB

UT Permian Basin offers numerous services to help you reach your academic goals. Available both in the Success Center on the 2nd Floor of the Mesa Building (<https://www.utpb.edu/academics/advising-and-support/student-success-center/index>), and online, UTPB Student Success offers the following services to all students:

- O.W .L. (Online Writing Lab) - Submit essays that need to be revised by one of our tutors to owl@utpb.edu.
- Tutoring – For both online and in person tutoring, please use EAB to create an appointment. (Utpb.campus.eab.com) Sign in using UTPB credentials.
- SI/PLTL Sessions - If available for your class, will be communicated to you by the mentor assigned to your class section and students can communicate to their SI or PL through Canvas.
- Peer Mentoring - Incoming freshmen can be paired with a peer mentor who will help you navigate your first year on campus.
- SSC Computer Lab - Come take advantage of the state-of-the-art computers available at the Student Success Center.

Please email success@utpb.edu for more information.

Student Support Services

For more information on academic, technical, and support services for UTPB students, please see the [Online Student Services](#).

Course Modalities

Both the Texas Higher Education Coordinating Board (THECB) and the Southern Association of Schools and Colleges Commission on Colleges (SACSCOC) provide standard definitions for basic course types/modalities that have informed the following adopted course definitions.

Online Courses are those in which more than 85 percent of the planned instruction occurs online/virtually (asynchronously) when students and faculty are not in the same place. A fully online course is one in which mandatory in-person meetings occur no more than 15% of the planned instructional time.

Remote Courses are ones in which students, while not required to physically come to campus to attend in-person classes, are required to “attend” virtually/remotely (synchronously) during scheduled days and times, with students expected to log in and participate in the lecture via video conferences.

Hybrid Courses are courses in which the majority (more than 50% but less than 85%) of the planned instruction occurs when students and instructor(s) are not in the same place. This form of instruction offers a mix of on-campus/in-person and remote/online/electronic learning.

HyFlex Courses are those which, like hybrid courses, offer a mix of on-campus/in-person and remote/online/electronic learning. These courses, however, do not require student authentication since at least 50% of the planned instruction occurs when students and instructor(s) are in the same place.

Face-to-Face/In-Person Courses are those in which more than 85 percent of the planned instruction occurs when students are in the same place with an instructor(s).

End-of-Course Evaluation & Instructor Evaluation

Every student is encouraged to complete an end of course evaluation survey provided by UTPB. During the last two weeks of class, there will be an announcement in Canvas, an email, and a button in your course navigation that will take you to any available surveys.

The survey is anonymous and your responses are confidential. Your feedback is critical to us and to your instructor as we strive to improve our offerings, and our support of you, the students.

Disclaimer & Rights

Information contained in this syllabus was to the best knowledge of the instructor considered correct and complete when distributed for use in the beginning of the semester. However, the instructor reserves the right, acting within the policies and procedures of UTPB to make changes in the course content or instructional techniques without notice or obligation. The students will be informed about the changes, if any.

Distance Education Policy

Preparation for Emergencies

Computer Crash

Not having a working computer or a crashed computer during the semester will NOT be considered an acceptable reason for not completing course activities at a scheduled time. NOTE: Identify a second computer before the semester begins, that you can use when or if your personal computer crashes. Limited Loaner Laptops are available through the J. Conrad Dunagan Library.

Complete Loss of Contact

If you lose contact with course connectivity completely (i.e. you cannot contact me via Canvas or email), you need to call the instructor, and leave a message regarding connectivity loss and your contact information.

Lost/Corrupt/Missing Files

You must keep/save a copy of every project/assignment on an external drive, UTPB Outlook 365 OneDrive, or personal computer. In the event of any kind of failure (e.g. virus infection, student's own computer crashes, loss of files in cyberspace, etc.) or any contradictions or problems, you may be required to resubmit the files.

Distance Education Courses and Student Identity Authentication Requirements and Policy

SACSCOC defines a distance education course as one in which more than 50 percent of the planned instruction occurs when students and instructor(s) are not in the same physical place. Distance education courses, therefore, include online, remote, and hybrid courses as defined above. Per SACSCOC and University policy, all distance education courses are required to follow our Distance Education Student Authentication Policy procedures (please see below), and these requirements and policies must be stated in the course syllabus. Further, any projected additional student charges associated with verification of student identity must be indicated on the courses schedule and course syllabus.

The Distance Education Student Authentication Policy does not apply to Hyflex Courses--those in which at least 50% of the planned instruction occurs when students and instructor(s) are in the same place--and Face-to-Face/In-Person Courses--those in which more than 85 percent of the planned instruction occurs when students and instructor(s) are in the same place. Student authentication and identity verification in these courses may be accomplished by in-person attendance monitoring as well as through in-class instructor proctored examinations and other assessments. These same "in-class" authentication procedures also may be employed in hybrid courses, but in the case of these defined distance education courses, they must be documented on the course syllabus as described below.

Distance Education Student Authentication Policy and Syllabus Requirements

UT Permian Basin's Distance Education Student Authentication Policy requires the University to employ processes (documented in each distance education syllabus) to verify that each student who registers for a distance education course is the same student who participates in, completes, and receives credit for the course.

The policy requires faculty members teaching distance education courses to employ at least two methods of verification to ensure student identities. The first method of verification is accomplished by the student logging into Canvas, our learning management system. To access all UTPB courses, students must login to Canvas uniqueness personal identifying username and secure password. This is the primary method of student identity verification. The Distance Education Student Authentication Policy requires at least one additional student identification method within the distance learning course that has been determined and approved by the faculty or academic program. The second method of authentication must be explicitly stated in the syllabus. The second method of student authentication maybe:

- Proctored exams using an approved photo ID*.
- Presentation of approved photo ID through a webcam and optional levels of proctoring during assessment.
- Field or clinical experiences using an approved photo ID.
- Synchronous or asynchronous video activities using an approved photo ID.
- In hybrid distance education courses, which have an in-person meeting component, the secondary method of student authentication may be accomplished (as is it may be done in hyflex and face-to face-courses) by in-person attendance monitoring as well as through required in-class instructor proctored examinations and other assessments.
- Other Technologies or procedures, etc. (which must be detailed in the syllabus).

If faculty require secondary method of verification for which students are charged a fee(e.g. face-to-face proctoring at an off-campus site that charges a fee), this notification must be stated on the course schedule and in the course syllabus as well.

*Approved photo identifications include passports, government issued identification, driver's licenses, military ID from DoD; dual credit and early college high school students use school district identifications.

Online Student Authentication

UTPB requires that each student who registers for an online course is the same student who participates in, completes, and receives credit for the course. UTPB's Distance Education Policy requires faculty members to employ at least two methods of verification to ensure student identities.

To access online courses students must login to the UTPB learning management system using their unique personal identifying username and secure password. UTPB's Distance Education Policy requires at least one additional student identification method within the course that has been determined and approved by the faculty or academic program. This course satisfies the second method of student authentication by the [online student authentication activity](#).

*Approved photo identifications are: passports, government issued identification, driver's licenses, military ID from DoD; dual credit and early college high school students use school district identifications.

Hardware & Software

Hardware:

Since your entire course will be accessed through your computer and Internet connection, it is important that you have the proper computer configuration. Check your system at [UTPB Computer Requirements page](#)

Software:

- Optimum browser configuration is key to the virtual campus experience. This course works best with the latest version of Mozilla FireFox, though other browsers may be fine. Whatever browser you use must be Java enabled. **Caution:** you will encounter a number of "mouseover" as you read through the material. They are designed so that when you place the mouse cursor on one of them, a little window pops up with information in it. The most common use of these pop-ups is to reveal the answer to a question you have just been asked to work out. The pop-ups do not print when you print the page out. Refer to the [Browser Configuration page](#) especially if you are an AOL user. Specific instructions for correctly configuring your browser are listed in detail here.
- A current anti-virus program, with current updates.
- Recent version of Microsoft Word.

Course Policies

Discussion Board

Discussion Board is primarily for discussing course related topics and issues.

Best practices are:

- Read all message postings in online discussion.
- Respond to the question directly
- Reply to minimum of one other student posts.
- Use a person's name in the body of your message when you reply to their message.
- Avoid postings that are limited to 'I agree' or 'great idea', etc.
- Ensure responses to questions are meaningful, reflective.
- Support statements with concepts from course readings, refer to personal experience, examples.
- Follow **Rules of Behavior (below)**.

Rules of Behavior

Discussion areas are public to every student in this class (including your instructor) who will see what you write. Please pay attention to the language you use and adhere to the following guidelines:

- Do not post anything too personal.
- Do not use language that is inappropriate for a classroom setting or prejudicial in gender, race, or ethnicity.
- Do not use all caps in the message box unless you are emphasizing (it is considered shouting).
- Be courteous and respectful to other people on the list
- Do not overuse acronyms like you would use in text messaging. Some of the list participants may not be familiar with acronyms.
- Use line breaks and paragraphs in long responses.
- Write your full name at the end of the posting.
- Be careful with sarcasm and subtle humor; one person's joke is another person's insult.

Make-Up/Late Submission Policy

All course activities must be submitted before or on set due dates and times. If an assignment is submitted after the due date but less than 48 hours after the due date a 5% penalty will be assessed. Anything more than 48 hours after the due date will not be accepted. If the student is unable to abide by the due dates and times, it is her/his responsibility to contact the instructor immediately.

Attendance and Class Participation

Regular and active participation is an essential, unmistakably important aspect of this online course. Students will log on a minimum of three times every seven days. All students are expected to do the work assigned, notify the instructor when emergencies arise.

Tracking

Learning management systems have tracking features. Statistics are collected that quantifies how often and when students are active in the course and provides information if the student has accessed different pages of the course.

Absenteeism

All the course activities have set dates to be completed and submitted. After the due dates the activities will not be available for the students. Not logging into an online course is considered absenteeism. Contact instructor immediately in case of emergency medical situation.

Course Incomplete/Withdrawal/Grade Appeal

All students are required to complete the course within the semester they are signed up. Incomplete grades for the course are rarely given, will only be granted if the student provides a valid, documented excuse for not being able to complete the course on time, and has contacted the instructor prior to the scheduled last class to request an extension. The student signs a contract that includes the incomplete course activities and the new due dates.

Find information and dates regarding drops and withdrawals consult the University Handbook: [Drops and Withdrawals](#) and [Appeal Process](#).

Preparation for Emergencies

Computer Crash

Not having a working computer or a crashed computer during the semester will NOT be considered as an acceptable reason for not completing course activities at a scheduled time. NOTE: Identify a second computer before the semester begins, that you can use when/if your personal computer crashes.

Complete Loss of Contact

If you lose contact with course connectivity completely (i.e. you cannot contact me via Canvas or email), you need to call instructor, and leave message regarding connectivity loss and contact

information.

Lost/Corrupt/Missing Files

You must keep/save a copy of every project/assignment on an external drive, UTPB Outlook 365 OneDrive, or personal computer. In the event of any kind of failure (e.g. virus infection, student's own computer crashes, loss of files in cyberspace, etc.) or any contradictions/problems, you may be required to resubmit the files.

Disclaimer & Rights

Information contained in this syllabus was to the best knowledge of the instructor considered correct and complete when distributed for use in the beginning of the semester. However, the instructor reserves the right, acting within the policies and procedures of UTPB to make changes in the course content or instructional techniques without notice or obligation. The students will be informed about the changes, if any.

Copyright Statement

Many of the materials that are posted within UTPB courses are protected by copyright law. These materials are only for the use of students enrolled in the course and only for the purpose of the course. They may not be further retained or disseminated.

Course Schedule

	Assignments/Activities/Topics	Due Date
	Online Student Authentication	
	Module 0 Discussion	
	Module 0 Test	
	Module 1 Discussion	
	Module 1 Test	
	Module 2 Discussion	
	Module 2 Test	
	Module 3 Discussion	
	Module 3 Test	
	Module 4 Discussion	
	Module 4a Test	

	Module 4b Test	
	Module 5 Discussion	
	Module 5 Test	
	Module 6 Discussion	
	Module 6 Test	
	Module 7 Discussion	
	Module 7 Test	

Assesment

Assessment will take a variety of forms, including traditional tests, self-quizzes, homework problems from the text, and discussion group participation. The group discussion board will be a significant part of the course. Its primary purpose is to allow all of us to effectively communicate with each other. We'll have a closer look at the discussion board in module 1 of the course.

Module Tests: Once you have completed your work on a module, you will need to take the test on the material. You will request a test through the online tab. Once you complete the test it must be submitted through the module test assignment tab under the appropriate module. Each module test is worth 100 points or 10% of your class grade (except each half of the module 4 test is worth 50 points or 5%).

Your final grade will depend on your module test scores (80%) and your participation (20%).

Participation: Participation is primarily measured by your activity in the discussion board. Each weeks discussion is worth 20 points or 2% of your class grade. You must, as a minimum, during the time allotted for the module:

- make at least one original, [substantive contribution](#)
- respond to at least one other person's contribution in a thoughtful, substantive way. Atta boys and thanks I had the same question are encouraged but don't count.

-Each module discussion board has a General Discussion Thread which you can reply in to discuss the module with your classmates, Ask the Instructor Thread which you can reply to and ask me any questions you want to ask publicly, and a Hints/Tips Thread which you can reply to and post any hints or tips you have found to help your classmates with the module.

·complete any assignments embedded in the course materials - Generally you need not send in self-quizzes and sample test results, but if you are specifically asked to do something and send the results to me or to the discussion board, please do it - preferably as soon as you see it mentioned. Your response to such requests is part of your class participation grade.

The first activity is the [online student authentication activity](#), which is worth 40 points of your participation score or 4% of total course grade.

·complete all requirements before you ask for the module test. When you request a test, I will assume you have already done the minimum required class participation.

Sample Syllabus