

THE UNIVERSITY OF TEXAS AT EL PASO
College of Education- Department of Teacher Education

Title of Course:

TED 6320 CRN 12563

Research Methodology & Design in Education I

Credits: 3

Semester: Fall 2022

Instructor Information:

Name: Dr. Olga Kosheleva

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Office Hours:

Mondays, 4 pm – 5:30 pm, 8:20 - 9 pm),

Ed. 402

Email (via BlackBoard email) any time.

Course Description:

This course will focus on introduction to empirical inquiry, including descriptive statistics, methods of inference, and hypothesis testing. Purposes of this course include gaining a basic graduate level understanding of experimental designs and statistical procedures used in education social sciences, and other academic fields. Students will also be obtaining the knowledge and skill necessary to be an informed and competent consumer and user of educational research.

Course Format Information: This course will be conducted in Hybrid format. You are NOT required to be online at any specific time, however, you are required regularly work on your assignments and check BB email every two days. The standard recommendation across the board by American universities is to plan for approximately three hours of study time for every one credit hour taken. Therefore, for this course, you can expect each week to spend 3 hours of class time + 9 hours of study and prep time, which equals approximately 12 hours per week devoted to this course. Please read the syllabus and information in the course site VERY carefully, understand what you need to do and when you need to do it, and then plan course study time in your week accordingly.

For Technical Assistance: For technical problems with our online course site or related computer/Internet applications, please contact the UTEP Helpdesk: M - F: 7AM - 8PM, Sat: 9AM - 1PM, Sundays 11- 4 PM. On campus phone: 915.747.5257. Off campus:

915.747.4357. If you are on campus, you may also visit the ATLAS lab located within the Undergraduate Learning Center (UGLC building) or the Technology Support Center in Room 300, Library.

Course Requirements

- Reading/Reflections (20% of course grade);
- Analysis/Reflection (20% of course grade);
- Class Participation/Oral reports (20% of course grade);
- Analyzing through Literature Review (use of statistical tools is required) (20% of course grade)
- Quizzes (focus on basic statistic tools) (20% of course grade)

It is expected that all students will be actively and professionally engaged in class discussion and activities. Each student will have one-on-one meeting with the instructor 2-3 times a semester. Successful completion of the course depends on regular participation and interaction in face-to-face and online learning experiences.

Written responses document your reflective thinking and learning. These must be submitted by the due date in Blackboard Discussion Board or Blackboard email.

Written work is expected to be submitted on the due date assigned and in proper (APA) written format.

Student Learning Outcomes

The course's learning outcomes will require the student to acquire throughout the semester new knowledge and skills and build upon them as new statistical and methodological concepts are introduced and applied, thus, enabling the individual to ascertain a high degree of mastery and competence by the end of the instructional period. To that end, the course will emphasize the evaluation of mastered material by delineating targeted outcomes of performance and their respective assessments. The following table provides a list of the most relevant student learning outcomes for the course.

Table 1. Student learning outcomes and assessment

Student Learning Outcomes	Assessments
By the end of course, the student will be able to:	To evaluate these outcomes, the faculty member will use the following assessment procedures:
1. Students will become familiar with methods of descriptive statistics, specifically learn what variables are and how one can compute measures of central tendency (mean, median and mode) and variability (standard deviation and variance).	a. Course graded assignments, b. Participation in oral/online discussion of statistical techniques, c. Final report for course project
2. Understand, interpret, and apply statistical procedures to research problems using descriptive and inferential statistics.	a. Course graded assignments, b. Participation in oral/online discussion of statistical techniques, c. Final report for course project
3. Perform simple data analyses and interpretation of results.	a. Course graded assignments, b. Participation in oral/online discussion of statistical techniques c. Final report for course project
4. Learn how to assess relationships between variables, use of the concepts of correlation and regression.	a. Course graded assignments, b. Participation in oral/online discussion of statistical techniques, c. Final report for course project

Accommodations Policy

It is my goal for you to be supported to flourish and grow in this course. If there are special circumstances that may affect your course participation (e.g., linguistic background, religious practices, family situation, neurological differences, immigration status), please let me know so that we may work together to develop strategies to meet both your needs and the requirements of the course. I will do everything I can to support you.

You may also find this university resources valuable: [UTEP Center for Accommodations and Support Services](#).

UTEP support services

- **UTEP Library:** Access a wide range of resources including online, full-text access to thousands of journals and eBooks plus reference service and librarian assistance for enrolled students. This is the resource we will be using extensively in this class. One of the most important Database will be

ProQuest Dissertations & Theses Global (PQDT Global) (ProQuest)

- **Help Desk :** Students experiencing technological challenges (email, Blackboard, software, etc.) can submit a ticket to the UTEP Helpdesk for assistance. Contact the Helpdesk via phone, email, chat, website, or in person if on campus.
- **University Writing Center (UWC) :** The University Writing Center (UWC): Virtually everyone needs help with writing academic English. <https://www.utep.edu/uwc/> The UWC provides online consultations to all UTEP students at no cost. They also have walk-in services, if you are local. It is a terrific resource! If I suggest you attend the Writing Center, it is because I think you will benefit from it. Submit papers here for assistance with writing style and formatting, ask a tutor for help and explore other writing resources.
- **Grammarly.com** This is free resource that is required to be used for all submissions in this class.

Standards of Academic Integrity

Students are expected to uphold the highest standards of academic integrity. Any form of scholastic dishonesty is an affront to the pursuit of knowledge and jeopardizes the quality of the degree awarded to all graduates of UTEP. Any student who commits an act of scholastic dishonesty is subject to discipline. Scholastic dishonesty includes, but is not limited to cheating, plagiarism, collusion, the submission for credit of any work or materials that are not attributable in whole or in part to another person, taking an examination for another person, any act designed to give unfair advantage to a student or the attempt to commit such acts. All assignments with plagiarized material will be given a grade of 0 AND automatically have 20% deducted from their grade. If you use ideas or written text from other people you must cite them. Proven violations of the detailed regulations, as printed in the Handbook of Operating Procedures (HOP) and available in the Office of the Dean of Students, may result in sanctions ranging from disciplinary probation, to failing grades on the work in question, to failing grades in the course, to suspension or dismissal among others.

Required Text & Readings

All selected readings and data will be provided in Discussion Board in Blackboard course shell or during face-to-face sessions.

Guide to Online Etiquette: As a member of the learning community of this class, the following is a list of specific expectations (Note that this list is not exhaustive and that it may be added to as needed throughout the semester):

1. You are expected to actively engage in the learning community of this class.

This includes completing the coursework tasks as outlined in each week's session, and participate in discussions and do oral presentations in ZOOM meetings.

2. You are expected to exhibit appropriate behavior for a higher learning environment.

Even though we will not meet face-to-face, logging on to our online course site is the equivalent of walking on to the UTEP campus. Therefore, the rules of conduct that apply on campus also apply in our course site. Our course site is a place to engage in social learning; it is meant to be a safe space for all. Our ideas and beliefs shape who we are and will differ from our peers; sharing these within class allows us to learn different perspectives and points of view, but this can only happen successfully if everyone in our learning community is respectful of individual ideas. You are encouraged to participate in all activities to the fullest extent possible, with an open mind to new experiences. In particular, the following are general guidelines for online interactions:

- All the information discussed between peers and/or with your instructor should be kept confidential, thus providing a safe atmosphere for creative expression, free of judgment.
- You are encouraged to participate to the depth that you feel comfortable sharing with the class (Note: An electronic record will remain, so be thoughtful in how much personal information you share. The general rule is share only that which you would be comfortable seeing printed in a newspaper/ public Internet page.).
- Do not use inappropriate language, all capital letters, or language short cuts (i.e. texting shorthand). Online entries should reflect academic writing standards, with edited spelling, grammar, and punctuation.
- When reacting to someone else's message, whether in agreement or disagreement, please address the ideas, not the person. (Note: Harassing, flaming and/or inappropriate postings will not be tolerated.)
- Be sure to read everyone's responses before posting. Avoid repetition of what someone else has already said. Add something new to the discussion!
- Please refrain from posting yes/no or I agree/disagree answers (this will NOT earn you participation points). The point of our online interactions is to create a rich and meaningful sharing of ideas; therefore, posts should: justify positions, provide specific examples, and demonstrate that you have read the required readings and your classmates' comments carefully and thoughtfully.

3. You are expected to exhibit high-level time management skills and turn your work in ON TIME.

Although there is no mandatory time that you must be online, the research shows that those with the best success in online courses create a set schedule for coursework and stick to it (whether you do your work at 3am or 10am on whatever day does not matter, what matters is just that you allow a sufficient, set time each week of the semester to focus on coursework). Timely completion of all coursework is essential for this class to run smoothly (i.e. your classmates rely

on you to do your readings early in the week and contribute to the discussion on time in order for them to be able to post feedback later in the week). Therefore, late work will NOT be accepted. All online assignments are due by the due date and time listed in the task directions (see each weekly session in our course site for specific details). Please ensure that you carefully read all instructions for each assignment, particularly the due dates and times, and then schedule the time you devote to this class accordingly.

Missing two weeks of discussion, logging in and/or failure to participate in class activities, in addition to not responding to instructor emails will result in automatic drop from the course.

Note: Exceptions may be made in the case of *extreme emergency* with supporting documentation. I will not accept ANY late coursework after one week from the originally scheduled due date during the semester or after the last scheduled coursework due date at the end of the semester. If you anticipate your assignment will be late due to unusual circumstances, please contact me and explain your situation prior to the due date of the assignment. Without prior notice, late assignments will NOT receive any credit.

If Blackboard is down and you cannot get into our course site to post work by the required due date, you should email helpdesk@utep.edu, receive case number assigned to you and email this case number to me via regular UTEP email.

ALL coursework should be posted in our BB online course site (it would be specified in your assignment if you need to upload on BB Discussion Board or via BB email). If you find that you are unable to log into Blackboard to access our course site at the time that you are trying to post your work by the due date, you must email me) IMMEDIATELY WITH AN ATTACHMENT OF YOUR WORK. When you do this, I will know that you have completed the work in a timely manner and it will be accepted, even though it was not posted in our course site as is generally required. I will then check with the Technology staff at UTEP to determine when Blackboard was out. If you email me indicating that you did not post your coursework because Blackboard is down, but you do not send me your work as an attachment in the message, you will not receive credit for your work.

4. Your work is expected to be your own.

Everything you turn in for this course must be your own work. The purpose of coursework is to know what *you* think, not how clever you are at getting around the rules.... so, use your brilliance in a productive way. Any student caught engaging in instances of cheating, plagiarism or any other form of academic misconduct will be referred to the Dean of Students Office for disciplinary action. Students may be suspended or expelled from UTEP for such actions. It is serious! Do not do it.

5. You are expected to contact me for help if needed throughout the semester.

I will have office hours before and after class. You can email me for a quick response or email me to set up a phone consultation during this time.

If at any time, you have difficulty understanding my expectations or the course material or completing course work for any reason—BE PROACTIVE! I am here for you (email, phone,

Zoom,). I *strongly* encourage you to reach out to me as soon as possible (do not wait until the day before something is due or the end of the semester) and we will work together to make this class a success for you

Calendar

The calendar is a *guide* and *may be changed* as needed to meet the needs of students. Changes to the calendar will be shared as **Announcements** in Blackboard and during class. Please stay on top of your email and check Blackboard regularly so that you do not miss important updates! Details about assignments and readings are in the weekly coursework module task descriptions.

Week	Dates	Assignment/Activities
1	8/22 F2F	Syllabus presentation. Presentation of UTEP Library electronic databases. Presentations of Grammarly.com Specific instructions for assignments (if available) will be posted in BB, Week 1 Individual ZOOM meetings, oral report presentations, 8/31 – 9/6, 9/7 – 9/13
2	8/29 F2F	Specific instructions for assignments (if available) will be posted in BB, Week 2 Individual ZOOM meetings, oral report presentations, 8/31 – 9/6, 9/7 – 9/13 September 5 Labor Day, No classes.
3	9/12 ONLINE	Specific instructions for assignments (if available) will be posted in BB, Week 3 Possible individual ZOOM meetings, oral report presentations
4	9/19 F2F	Specific instructions for assignments (if available) will be posted in BB, Week 4 Quiz, Possible individual ZOOM meetings, oral report presentations
5	9/26 ONLINE	Specific instructions for assignments (if available) will be posted in BB, Week 5 Possible individual ZOOM meetings, oral report presentations
6	10/3 F2F	Specific instructions for assignments (if available) will be posted in BB, Week 6 Quiz, Possible individual ZOOM meetings, oral report presentations
7	10/10 ONLINE	Specific instructions for assignments (if available) will be posted in BB, Week 7 Possible individual ZOOM meetings, oral report presentations, 9/28 – 10/4, 10/5 – 10/11
8	10/17 F2F	Specific instructions for assignments (if available) will be posted in BB, Week 8 Quiz, possible individual ZOOM meetings, oral report presentations, 10/12 – 10/18, 10/19 – 10/25
9	10/24 F2F	Specific instructions for assignments (if available) will be posted in BB, Week 9 Quiz, possible individual ZOOM meetings, oral report presentations, 10/12 – 10/18, 10/19 – 10/25
10	10/31 ONLINE	Specific instructions for assignments (if available) will be posted in BB, Week 10 Individual ZOOM meetings, oral report presentations
11	11/7 F2F	Specific instructions for assignments (if available) will be posted in BB, Week 11 Quiz, possible individual ZOOM meetings, oral report presentations

- 12 11/14 F2F Specific instructions for assignments (if available) will be posted in BB, Week 12 Quiz, possible individual ZOOM meetings, oral report presentations

- 13 11/21 ONLINE Specific instructions for assignments (if available) will be posted in BB, Week 13 Possible individual ZOOM meetings, oral report presentations. Written report for **Final Project** is due by 11/23.

- 14 11/28 F2F Specific instructions for assignments (if available) will be posted in BB, Week 14 **Final Project** presentation

- 15 12/5 F2F **Final Project** presentation

Evaluation & Coursework Requirements of Students

Coursework Requirements

Reading/Reflecting	20%
Analyzing/Reflecting	20%
Analyzing through Literature Review/Oral presentation	20%
Quizzes	20%
Attendance & oral presentations	20%

Total	100%

How Grades are Determined

Grade	Earned Points
A	90-100
B	80-89
C	70-79
D	60-69
F	Below 60

Note: 2 weeks of inactivity (non-participation in course, violating rules of appropriate conduct) and failure to communicate with instructor will constitute possible drop from the course.