

Applied Research Methods: MLS 5303
Fall 2022 R 5:00-8:00p.m. Location: TBA
Master of Leadership Studies
University of Texas at El Paso

Course Syllabus

Instructor: E. Natalia Strobach Oronoz, Ph.D.
Office Hours: by appointment
Email: enstrobach@utep.edu

I. Course description

This course will deal with understanding the fundamental principles that guide scientific research. We will cover topics ranging from understanding and properly citing research articles, to scientific design and implementation. By the end of our course, you will be able to digest complex scientific literature to draw conclusions. The ultimate goal of this course is to enable you to become a skeptic, informed consumer of scientific information.

II. Objectives

By the end of this course, you will be able to

- Read and understand the scientific literature
- Understand and explain major concepts relating to experimental design
- Talk substantively about research methodologies, findings, and applications

III. Student responsibilities

- Read Assigned Material
- Keep track of deadlines
- Communicate promptly if you experience issues

IV. Required Texts

Bhattacharjee, Anol

Social Science Research: Principles, Methods, and Practices

Available free online at: http://scholarcommons.usf.edu/oa_textbooks/3/

Johnson, Steven

The Ghost Map: The Story of London's Most Terrifying Epidemic- and How it Changed Science, Cities, and the Modern World

Huff, Darrell

How to Lie with Statistics

V. **Grade Dissemination**

Grades will be posted on blackboard, you can make an appointment to go over grading or assignments.

VI. **Policies**

Late work: There are no make-ups for blackboard assignments. I will only accept late work in case of *documented* emergencies or university sanctioned activities. If you have a documented emergency, or were participating in a university-sanctioned activity, you have *48-hours* to notify me.

Absence policy: Attendance to lectures is imperative for student success. I encourage you to come to class, for every class. We will only be meeting for the first 7 weeks, and have finals week online. However, the times have changed, and our policies should reflect that. If you feel sick, please stay at home. I have audio recorded lectures that I can send you, and will assign alternatives to classwork. Please take care of yourselves and others. Notify me via email as soon as you are able. Please do not abuse this policy.

Email: Please feel free to email me with questions regarding online assignments. This course is hybrid and this means that we should be able to communicate continuously over email. Please do not hesitate to ask questions by email. I normally answer emails 8:00a.m.-8:00p.m.

Disability Access: If you have a disability and need classroom accommodations, please contact The Center for Accommodations and Student Support Services (CASS) at (915) 747-5148, or by email to cass@utep.edu, or visit their office located in UTEP Union East, Room 106. For additional information, please visit the CASS website at www.sa.utep.edu/cass.

Academic conduct: 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. Any violation will be taken seriously and reported to the Dean of Students for disciplinary action.

VII. **Grading**

Chapter Quizzes 25%

Replication Assignment 10%

Course Team Work 20%

Discussion Assignments 20%

Ghost Map Assignments 25%