Research Methods and Statistics -
Course Number 2321.030
Spring 2021

Instructor Information
Name: Dr. B. Paige Trubenstein (she/her)
Email: paige.trubenstein@angelo.edu
Phone: (325) 486-6296
Office: Academic 204G
Office Hours: Tuesdays & Thursdays 9:30 a.m. - 11:00 a.m.

Welcome Statement
Hi and Welcome to the course!

My name is Paige Trubenstein and I am your professor for General Psychology this semester. I am looking forward to meeting you all on the first day and teaching you this semester! I know many of you will have questions this semester about what to do if you become ill. If you fail your wellness screening, follow the steps given and let me know what has been recommend to you. If you have to miss class for any amount of time, first watch the recording of the missed lecture. If there was an in class assignment given, reach out to me and let me know that you will need to make up the activity. As always, let me know if you have questions.

Course Information
Course Time: 10:00 a.m. – 11:15 a.m. MW
Course Room: Academic 213

Description
A survey of experimental and non-experimental methods of gathering data as well as the statistics required to analyze this data. Analyses include measures of central tendency and variability, correlation, regression, standard scores, t-tests, analysis of variance, and chi square.

Course Credits
Three Credits

Prerequisite and Co-requisite Courses
None

Prerequisite Skills
1. Using the Blackboard Learning Management System
2. Using email with attachments
3. Using TopHat on mobile and non-mobile devices.
4. Creating and submitting files in commonly used word processing programs (e.g. Word or Google Docs)
Course Delivery
This is a face-to-face course with learning resources and supplemental materials posted in Blackboard. Each lecture is unique, and attendance will be taken at every class via Top Hat (https://app.tophat.com/e/222935)\(^1\). Face-to-face class will be held in A219 on Monday’s and Wednesday’s, from 10:00 a.m. to 11:15 a.m.

Required Texts and Materials

Text:
- NOTE- This is an electronic book through TopHat.

Materials:
TopHat Account, Calculator, Laptop/Computer or Tablet, Note Taking Method, Number 2 Pencil

Student Learning Outcomes

<table>
<thead>
<tr>
<th>Student Learning Outcome</th>
<th>Assignment(s) or activity(ies) validating outcome achievement:</th>
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</thead>
<tbody>
<tr>
<td>By completing all course requirements, students will be able to:</td>
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</table>
| Gaining a basic understanding of the subject (e.g., factual knowledge, methods, principles, generalizations, theories) | • Lectures  
• Assignments  
• Homework  
• Exams |
| Developing knowledge and understanding of diverse perspectives, global awareness, or other cultures | • Lectures  
• Assignments  
• In class discussion  
• Homework  
• Exams |
| Learning to apply knowledge and skills to benefit others or serve the public good         | • Lectures  
• Assignments |
| Developing specific skills, competencies, and points of view needed by professionals in the field most closely related to this course | • Lectures  
• Assignments  
• Homework  
• Exams |
| Learning to apply course material (to improve thinking, problem solving, and decisions)  | • Lectures  
• Assignments  
• Homework  
• Exams |

Grading

Reading Assignments (20% of Grade):
There will be reading assignments that you will complete via TopHat for each assigned chapter. As you read the chapter, you will notice that there are question’s embedded within the text. Questions are scored so that you will receive half a point for answering the question and another half of a point if your response was correct. These assignments are to help ensure that you understand the materials you are reading, and we are discussing in class. Completing these reading assignments are also a useful study technique. Completing these reading assignments should take you about 45 minutes to one hour to complete.

Homework Assignments (10% of Grade):
For each assigned chapter, there will be a homework assignment that you will complete via TopHat. These homework assignments are to help ensure that you understand the materials you are reading, and we are
discussing in class. Completing these homework assignments are also a useful study technique. Completing these homework assignments should take you about 20 minutes to complete.

**Lecture Participation (25% of Grade):**
Each lecture is unique and in person attendance is required for all healthy students. Students will be asked to take wellness screenings every day and show the green badge at the start of class.

Attendance will be taken at the start of each class via the TopHat application. Additionally, questions will be posed to students throughout each lecture and students will respond in live time, using the TopHat app. Each question posed will be scored half a point for participation (responding to the question) and an additional half point for having a correct response.

If you are unable to attend class in person, there is an alternative way in which you can get the same number of participation points. Each lecture will be recorded during class. After class, I will post recordings of each lecture in the Lecture Recordings folder in Blackboard. To receive the same number of participation points for that lecture as students who attended in person, you must watch the entire recording of lecture. You do not need to enter the top hat attendance codes for the day you missed.

**In Class Activities (25% of Grade):**
There will be a variety of in class activities that are intended to improve your learning experience. These activities will be conducted in class and will not be announced ahead of time. However, if you are unable to attend class on the assigned date, these activities can be submitted once you are able to return.

**Online Quizzes (20% of grade):**
You will have 14 online quizzes over selected chapters. These quizzes will be over readings, notes, and discussions and are based within blackboard. Two of these will be dropped. See schedule below for online quiz due dates.

<table>
<thead>
<tr>
<th>Assessment</th>
<th>Percent of Total Grade</th>
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</thead>
<tbody>
<tr>
<td>Reading Assignments</td>
<td>20%</td>
</tr>
<tr>
<td>Homework Assignments</td>
<td>10%</td>
</tr>
<tr>
<td>Lecture Participation</td>
<td>25%</td>
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<tr>
<td>In Class Activities</td>
<td>25%</td>
</tr>
<tr>
<td>Quizzes</td>
<td>20%</td>
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<tr>
<td><strong>Total</strong></td>
<td><strong>100%</strong></td>
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**Extra Credit:**
There will be various extra credit opportunities throughout the course, including personal application activities, attending events, and/or volunteering for different things. I typically provide 3-5% extra credit per semester.

**Grading System**
Course grades will be dependent upon completing course requirements and meeting the student learning outcomes. It is my policy that if at the end of the term a student is less than half of a percentage point away (i.e. >.51) from the next grade level, that student is rounded to the next grade level.

The following grading scale is in use for this course:

- A = 90.00-100 points
- B = 80.00-89.99 points
- C = 70.00-79.99 points
- D = 60.00-69.99 points
- F = 0-59.99 points
General Policies Related to This Course

I recognize that some of you are caregivers, many of you work outside of classes, and almost all of you have other classes in addition to this class. With an understanding of the uniqueness of each student’s situation, the following policies are in place

Late or Missed Assignments-

1. Lectures & In-Class Activities - If you are unable to attend class in person, there is an alternative way in which you can get the same number of participation points. If you watch the entire recording of lecture, you will receive the same number of participation points for that lecture. You do not need to enter the TopHat attendance code. If there was an in-class assignment, please reach out to me to determine the best method for you to make up the activity. You will find recordings of each lecture, in the Lecture Recordings folder in Blackboard.

2. Reading & Homework Assignments – these assignments are scheduled to open the week before the chapter is covered in lecture and close the week after the chapter is covered. If you are unable to complete the reading assignment during the open time, please let me know so that arrangements can be made to re-open the reading assignment. Due dates/times for assignments are posted on the syllabus, in the course schedule and on TopHat.

3. Exams – If you know ahead of time that you will not be in attendance on the day of an exam, please let me know so that an alternative to the “group” portion of the exam can be administered. If for some reason you miss an exam (individual or group portion), please reach out to me as soon as possible so that arrangements can be made to re-administer the exam. Students may forfeit a portion of their overall exam score for missing any portion of the exam.

In Person Etiquette –

1. Please be in your seats before the start of class. If you are late, please quietly take a seat closest to the door. If you know that you will need to leave early for some reason, please let me know before the start of class. Additionally, if you will be leaving early, please sit close to the door and exit as quietly as possible.

2. Please keep your phone on silence while in lecture. If you are expecting a phone call during class time, please let me know ahead of time and sit close to a door so you may enter and exit without disturbing your classmates. If you receive an emergency message while in class, please quietly gather your things and step out.

3. There will be many times where you will be asked to interact with your peers. You are expected to always treat the instructor and classmates with respect and dignity. Disrespect to me or any of your peers will not be tolerated, and you will be asked to leave. Repeated violations or dismissals will result in consultations with the instructor. If you have been disrespected by someone in the class, please let me know so that I may resolve the issue.

Technology Issues - Issues with technology use arise from time to time and can be very frustrating. If a technology issue does occur, email me at paige.trubenstein@angelo.edu with an explanation of the problem. Additionally, reach out to either ASU’s IT desk or Top Hat Support (contacts below). Be sure to keep a backup of all work.

1. IT Service Center (Help Desk)
   325-942-2911
   1-866-942-2911
   itsupport@angelo.edu
   Mathematics-Computer Science Building, 111

2. Top Hat Support
   Hours: Monday - Friday | 9AM - 9PM EST
   1 (888) 663-5491
   https://success.tophat.com/s/contact-main
Children in Class - Currently, the university does not have a formal policy on children in the classroom. The policy described here is thus a reflection of my own beliefs and commitments to student parents. Please note that due to Covid-19 restrictions, you will need to make me aware if you will be bringing a child to class, and that child is required to complete a daily wellness screening.

1. All exclusively breastfeeding babies are welcome in class as often as is necessary to support the breastfeeding relationship. Because not all women can pump sufficient milk, and not all babies will take a bottle reliably, I never want students to feel like they have to choose between feeding their baby and continuing their education. You and your nursing baby are welcome in class anytime.

2. In all cases where babies and children come to class, I ask that you sit close to the door so that if your little one needs special attention and is disrupting learning for other students, you may step outside until their need has been met. Non-parents in the class, please reserve seats near the door for your parenting classmates.

3. Finally, I understand that often the largest barrier to completing your coursework once you become a parent is the tiredness many parents feel in the evening once children have finally gone to sleep. I hope that you will feel comfortable disclosing your student-parent status to me. This is the first step in my being able to accommodate any special needs that arise. While I maintain the same high expectations for all students in my classes regardless of parenting status, I am happy to problem solve with you in a way that makes you feel supported as you strive for school-parenting balance.

Additional Sources Support:

You are more than your grades or your ability to perform in college. Your general well-being is important to me as a faculty member, and this university. Issues such as insufficient food, safe housing, and mental health concerns may leave you struggling to complete assignments and perform to your standards. We have support on campus for students in these positions.

Food Pantry - Research shows that college students experience food insecurity at higher rates than the American household rate, and that food insecurity can negatively impact academic performance and persistence. Ram Pantry (325-942-2729) exists through the Office of Multicultural Affairs and is available 8-5, Monday through Friday to assist with food scarcity. Food services resources are also available to all city and county residents. For a list of all local Food Bank, Blessing Boxes, and Meal Sites Locations follow the link to the Flyer. For information on all local food services please visit The Concho Valley Regional Food Bank which is located at 1313 South Hill Street San Angelo, Texas 76903. Phone: (325) 655-3231 Email: info@conchovalleyfoodbank.org.

Counseling Services - Diminished mental health, including significant stress, mood changes, excessive worry, or problems with eating and/or sleeping can interfere with optimal academic performance. The source of symptoms might be strictly related to your course work; if so, please speak with me. However, problems with relationships, family worries, loss, or a personal struggle or crisis can also contribute to decreased academic performance. ASU provides mental health services to support the academic success of students. Counseling Services (325-942-2371) offers free, confidential psychological services to help you manage personal challenges that may threaten your well-being between and is available 9-3 Monday through Friday or 24/7 through the ASU Crisis Hotline at (325-486-6345). Getting help is a smart and courageous thing to do -- for yourself and for those who care about you.

Students With A Goal (SWAG) Program - SWAG’s mission is to promote lifelong student success by providing innovative resources to ASU students. We are committed to helping students picture, plan, prepare, and pursue their academic goals to become successful students and professionals. The program will help students explore different learning processes by helping them access their own study routines, model new strategies, and put new skills into practice.

Writing Center - The mission of the Writing Center is to help all students become better writers and readers. The Writing Center is a peer tutoring service where students help students. It is staffed by specially selected and trained graduate assistants and peer tutors who offer one-on-one conferences about writing and reading. The Writing Center serves all ASU undergraduate and graduate students. We work with students from any discipline, at any skill level, and on any stage of the writing or reading process. The Writing Center tutors also provide feedback on scholarship, job, or graduate school applications.
Syllabus Statements-

Academic Integrity
Students are expected to maintain complete honesty and integrity in all work. Any student found guilty of any form of dishonesty in academic work is subject of disciplinary action and possible expulsion from ASU. The College of Health and Human Services adheres to the university’s Statement of Academic Integrity.  

Accommodations for Students with Disabilities
ASU is committed to the principle that no qualified individual with a disability shall, on the basis of disability, be excluded from participation in or be denied the benefits of the services, programs or activities of the university, or be subjected to discrimination by the university, as provided by the Americans with Disabilities Act of 1990 (ADA), the Americans with Disabilities Act Amendments of 2008 (ADAAA) and subsequent legislation.

Student Disability Services is located in the Office of Student Affairs and is the designated campus department charged with the responsibility of reviewing and authorizing requests for reasonable accommodations based on a disability. It is the student’s responsibility to initiate such a request by contacting an employee of the Office of Student Affairs, in the Houston Harte University Center, Room 112, or contacting the department via email at ADA@angelo.edu. For more information about the application process and requirements, visit the Student Disability Services website. The employee charged with the responsibility of reviewing and authorizing accommodation requests is:

Dallas Swafford
Director of Student Disability Services
Office of Student Affairs
325-942-2047
dallas.swafford@angelo.edu
Houston Harte University Center, Room 112

Incomplete Grade Policy
It is policy that incomplete grades be reserved for student illness or personal misfortune. Please contact faculty if you have serious illness or a personal misfortune that would keep you from completing course work. Documentation may be required. See ASU Operating Policy 10.11 Grading Procedures for more information.

Plagiarism
Plagiarism is a serious topic covered in ASU’s Academic Integrity policy in the Student Handbook. Plagiarism is the action or practice of taking someone else’s work, idea, etc., and passing it off as one’s own. Plagiarism is literary theft.

In your discussions and/or your papers, it is unacceptable to copy word-for-word without quotation marks and the source of the quotation. It is expected that you will summarize or paraphrase ideas giving appropriate credit to the source both in the body of your paper and the reference list.

Papers are subject to be evaluated for originality. Resources to help you understand this policy better are available at the ASU Writing Center.

Student Absence for Observance of Religious Holy Days
A student who intends to observe a religious holy day should make that intention known in writing to the instructor prior to the absence. See ASU Operating Policy 10.19 Student Absence for Observance of Religious Holy Day for more information.

Copyright Policy
Students officially enrolled in this course should make only one printed copy of the given articles and/or chapters. You are expressly prohibited from distributing or reproducing any portion of course readings in printed or electronic form without written permission from the copyright holders or publishers.

Syllabus Changes
The faculty member reserves the option to make changes as necessary to this syllabus and the course content. If changes become necessary during this course, the faculty will notify students of such changes by email, course announcements and/or via a discussion board announcement. It is the student’s responsibility to look for such communications about the course on a daily basis.
Title IX at Angelo State University

Angelo State University is committed to providing and strengthening an educational, working, and living environment where students, faculty, staff, and visitors are free from sex discrimination of any kind. In accordance with Title VII, Title IX, the Violence Against Women Act (VAWA), the Campus Sexual Violence Elimination Act (SaVE), and other federal and state laws, the University prohibits discrimination based on sex, which includes pregnancy, and other types of Sexual Misconduct. Sexual Misconduct is a broad term encompassing all forms of gender-based harassment or discrimination and unwelcome behavior of a sexual nature. The term includes sexual harassment, nonconsensual sexual contact, nonconsensual sexual intercourse, sexual assault, sexual exploitation, stalking, public indecency, interpersonal violence (domestic violence or dating violence), sexual violence, and any other misconduct based on sex.

You are encouraged to report any incidents involving sexual misconduct to the Office of Title IX Compliance and the Director of Title IX Compliance/Title IX Coordinator, Michelle Boone, J.D. You may submit reports in the following manner:

Online: www.angelo.edu/incident-form
Face to face: Mayer Administration Building, Room 210
Phone: 325-942-2022
Email: michelle.boone@angelo.edu

Note, as a faculty member at Angelo State, I am a mandatory reporter and must report incidents involving sexual misconduct to the Title IX Coordinator. Should you wish to speak to someone in confidence about an issue, you may contact the University Counseling Center (325-942-2371), the 24-Hour Crisis Helpline (325-486-6345), or the University Health Clinic (325-942-2171).

For more information about resources related to sexual misconduct, Title IX, or Angelo State’s policy please visit: www.angelo.edu/title-ix.

Student Evaluation of Faculty and Course

Students in all programs are given the opportunity to evaluate their courses and the faculty who teach them. Evaluations are most helpful when they are honest, fair, constructive, and pertinent to the class, clinical experience, or course. Faculty value student evaluations, and use student suggestions in making modifications in courses, labs and clinical experiences.

Angelo State University uses the IDEA (Individual Development and Educational Assessment) system administered through Kansas State University for all course evaluations. The Office of Institutional Research and Assessment administers IDEA for the entire university, online and has established a policy whereby students can complete course evaluations free from coercion.

End of Syllabus

1. Top Hat Registration - https://app.tophat.com/e/222935
4. Counseling Services - https://www.angelo.edu/current-students/counseling-services/
6. Writing Center - https://www.angelo.edu/current-students/writing-center/
8. Student Disability Website - https://www.angelo.edu/current-students/disability-services/
12. Title IX - https://www.angelo.edu/current-students/title-ix/
Psych 2321 Research Methods Spring 2022

Week 1 – 1/17-1/21
- Wednesday 1/19 - Lecture 1
  - Introduction & Class Set Up - Mandatory
What’s Due (1/22)
  - Get Textbook and read Chapters 1 & 2

Week 2 – 1/24-1/28 – Chapters 1 & 2
- Monday 1/24 – Lecture 3
  - Chapter 1
- Wednesday 1/26 - Lecture 4
  - Chapter 2

Week 3 – 1/31-2/4 – Chapter 3
- Monday 1/31 – Lecture 6
  - Chapter 3
- Wednesday 2/2 - Lecture 7
  - Chapter 3
What’s Due (2/5 by 11:59 p.m.)
  - Reading Assignment Chapter 1
  - Homework Assignment Chapter 1
  - Reading Assignment Chapter 2
  - Homework Assignment Chapter 2
  - Quiz over chapters 1 & 2

Week 4 – 2/7-2/11 – Chapter 4
- Monday 2/7/21 - Lecture 9
  - Chapter 4
- Wednesday 2/9/21 – Lecture 10
  - Chapter 4
What’s Due (2/12 by 11:59 p.m.)
  - Reading Assignment Chapter 3
  - Homework Assignment Chapter 3
  - Quiz over chapter

Week 5 – 2/14-2/18 - Chapter 5
- Monday 2/14 - Lecture 11
  - Chapter 5
- Wednesday 2/16 - Lecture 12
  - Chapter 5
What’s Due (2/19 by 11:59 p.m.)
  - Reading Assignment Chapter 4
  - Homework Assignment Chapter 4
  - Quiz over chapter 4

Week 6 – 2/21-2/25 – Chapter 6
- Monday 2/21 – Lecture
  - Chapter 6
- Wednesday 2/23 - Lecture 13
  - Chapter 6
What’s Due (2/26 by 11:59 p.m.)
  - Reading Assignment Chapter 5
  - Homework Assignment Chapter 5
  - Quiz over chapter 5

Week 7 – 2/28-3/4 – Chapter 7
- Monday 2/28 - Lecture 15
  - Chapter 7
- Wednesday 3/2- Lecture 16
  - Chapter 7
What’s Due (3/5 by 11:59 p.m.)
  - Reading Assignment Chapter 6
  - Homework Assignment Chapter 6
  - Quiz over chapter 6

Week 8–3/7-3/11 – Chapter 8
- Monday 3/7 - Lecture 18
  - Chapter 8
- Wednesday 3/9 - Lecture 19
  - Chapter 8
What’s Due (3/12 by 11:59 p.m.)
  - Reading Assignment Chapter 7
  - Homework Assignment Chapter 7
  - Quiz over chapter 7

Spring Break – 3/14-3/18 – No Classes

Week 9 –3/21-3/25 – Chapter 9
- Monday 3/21 - Lecture 20
  - Chapter 9
- Wednesday 3/23 - Lecture 21
  - Chapter 9
What’s Due (3/26 by 11:59 p.m.)
  - Reading Assignment Chapter 8
  - Homework Assignment Chapter 8
  - Quiz over chapter 8

Week 10 –3/28-4/1 – Chapter 10
- Monday 3/28 - Lecture 23
  - Chapter 10
- Wednesday 3/30 – Lecture 24
  - Chapter 10
What’s Due (4/2 by 11:59 p.m.)
  - Reading Assignment Chapter 9
  - Homework Assignment Chapter 9
  - Quiz over chapter 9

Week 11–4/4-4/8 – Chapter 11
- Monday 4/4/21
  - Chapter 11
- Wednesday 4/6/21- Lecture 26
  - Chapter 11
What’s Due (4/9 by 11:59 p.m.)
  - Reading Assignment Chapter 10
  - Homework Assignment Chapter 10
  - Quiz over chapter 10
### Week 12–4/11-4/15 – Chapter 12
- Monday 4/11/21 - Lecture 28
  - Chapter 12
- Wednesday 4/13/21 - Lecture 29
  - Chapter 12
What’s Due (4/16 by 11:59 p.m.)
- Reading Assignment Chapter 11
- Homework Assignment Chapter 11
- Quiz over chapter 11

### Week 13–4/18-4/22 – Chapter 13
- Monday 4/18 – Lecture 30
  - Chapter 13
- Wednesday 4/20 – Lecture 31
  - Chapter 13
What’s Due (4/23 by 11:59 p.m.)
- Reading Assignment Chapter 12
- Homework Assignment Chapter 12
- Quiz over chapter 12

### Week 14–4/25-4/29 – Chapter 14
- Monday 4/25 - Lecture 33
  - Chapter 14
- Wednesday 4/27 – Lecture 34
  - Chapter 14
What’s Due (4/30 by 11:59 p.m.)
- Reading Assignment Chapter 13
- Homework Assignment Chapter 13
- Quiz over chapter 13

### Week 15–5/2-5/6 – Chapter 15
- Monday 5/2 - Lecture 35
  - Chapter 15
- Wednesday 5/4- Lecture 36
  - Chapter 15
What’s Due (5/7 by 11:59 p.m.)
- Reading Assignment Chapter 14
- Homework Assignment Chapter 14
- Reading Assignment Chapter 15
- Homework Assignment Chapter 15
- Quiz over chapters 14 & 15