



## Welcome to Applied Research

Spring 2025, Online

West College of Education

Credit Hours: 3

**Instructor:** Dr. Dittika Gupta

**Office:** Bridwell 220

**Office hours:** Monday 12:00pm to 2:00pm, Wednesday 1:00-3:00pm, and Friday 11:30-12:30pm. Zoom Link would be on the D2L News section or you can [click here](#) to join virtually. Due to the nature of the field classes and teaching in-person and online, office hours may change if I am at a school observing or there would be a longer wait if I am with a student in the office. I will always post updates on D2L and/or send an email about any changes in the office hours. Please feel free to send me an email or put it in on the 'Course Question Discussion board' if you need to meet outside of the office hours or for checking-in.. *Please note that there would be no office hours during MSU closures.*

**Class Hours:** Online with 2 mandatory class meetings via zoom. You will get to schedule your own time from the time slots provided.

**Office phone:** 940-397-4269

**E-mail:** [dittika.gupta@msutexas.edu](mailto:dittika.gupta@msutexas.edu)

### **Instructor Response Policy**

All assignment questions and logistics will be communicated through the "**course question discussion board**". This discussion board will be on D2L and a place for you to post all your queries, confusions, and questions about the course. This is the FIRST way to contact me for any questions. This will not only allow us to be organized but also help get input from peers and clarify additional questions for the class. Peers are welcome to answer, add to the query, or follow-up.

In case you need to talk to me – Yes, sometimes it will help to talk than using the discussion board – please use my office phone number (940)397-4269 and leave a message with your phone number, name, and course number (EDUC 6753) in case you end up in a voice message box. This would be the second way of communication.

The third way of communication would be emailing at [dittika.gupta@msutexas.edu](mailto:dittika.gupta@msutexas.edu). NOTE- *I will not be answering questions*

*regarding assignments via MSU email but those queries would receive an automatic reply of posting on the course question discussion board. All other queries are most welcome. During the week (Monday – Friday), I will respond to emails with 24 hours. Do not expect a response from me on Holidays and weekends. As professionals, it's important that we implement boundaries around home and work. Please try to ask your questions before the weekend which requires you to plan and be proactive on your assignments.*

Fourth way to communicate would be to email me or put a message on the course question discussion board to set up a meeting time outside of the office hours. **For office hours, no prior scheduling is needed. You can simply click the link and join the zoom.**

### **Textbook & Instructional Materials**

- Required Book 1: Publication Manual of the American Psychological Association (7th ed.) (American Psychological Association, 2019)
- Required Book 2: Reading Statistics and Research (6th Ed.) (Huck, 2011)
- Required: Handouts, online or hard copy journal articles and books as assigned.
- Recommended Book 1: Educational Research: Planning, Conducting, and Evaluating Quantitative and Qualitative Research (5th ed.). (Creswell, 2014)
- Recommended Book 2: Statistics for People Who (Think They) Hate Statistics (7th ed.) (Salkind & Frey, 2019)

### **Course Description**

Practical application of quantitative and qualitative research theory and methodology leading to the completion of a formal report of original empirical research (file paper and video presentation).

### **Prerequisites**

18 graduate hours to include EDUC 5053 with a grade of C or better.

### **Course Objectives and Learning Outcomes**

Upon successful completion of the course, the students will be able to

- identify a researchable problem in their professional practice; then design, and implement an action research project to improve their practice.
- understand and design informed consent to protect human subjects. Students can analyze their data and derive empirical findings that inform their practice.
- effectively use APA (7th Edition) to format their research paper and bibliographic guide.
- apply sound theory and methodology in research design.
- make professional decisions--as reflective practitioners--based on empirical data and sound scientific research.

- understand and protect the rights of participants involved in research.
- be critical and scholarly in their use of published research to define issues and resolve problems in education.

### **Standards and Assessment**

Content and methodological standards for this course are held by West College of Education, American Educational Research Association, and the Midwestern State University Graduate Catalog.

Ethical standards are those required by HSRC/OHRP. Manuscript style is set by the Publication Manual of the American Psychological Association, 7<sup>th</sup> Edition. The primary measure of those standards is the student's written research report.

### **Study Hours and Tutoring Assistance**

Tutoring and Academic Support Programs (TASP) offers a schedule of selected subjects tutoring assistance. Please visit the [TASP webpage](#) for more information.

### **Academic Misconduct Policy & Procedures**

Academic Dishonesty: Cheating, collusion, and plagiarism (the act of using source material of other persons, either published or unpublished, without following the accepted techniques of crediting, or the submission of somebody else's work for credit). Additional guidelines on procedures in these matters may be found in the [Office of Student Rights and Responsibilities](#).

### **Intellectual Property**

By enrolling in this course, the student expressly grants MSU a *limited right* in all intellectual property created by the student for the purpose of this course. The *limited right* shall include but shall not be limited to the right to reproduce the student's work product in order to verify originality, authenticity, and educational purposes. Please check with the [Student Handbook](#), available from the link provided in the webpage of [the Office of Student Rights and Responsibilities](#).

### **Academic Honesty**

Cheating, collusion, and plagiarism (the act of using source material of other persons, either published or unpublished, without following the accepted techniques of crediting, or the submission for credit of work not the individuals to whom credit is given) will not be considered. I use turnitin for the assignments as needed and D2L directly syncs with it (you do not have to do anything). You will be able to see the plagiarism percentage and are welcome to make changes and resubmit **BEFORE** the due date. **\*Any plagiarism of 30% and above is too much and the assignment will not be graded, given a zero, and no make-up allowed!!!** The same percentage also applies for any AI work. **\*Any AI similarity of 30% of above is not accepted.** Your final culminating paper should present original work synthesized and analyzed by literature and collected data.

## Grading/Assessment

All the assignments are due in the dropbox before 11:59 pm on Sundays (unless otherwise stated in the class). Please make sure to submit them before the deadline. **I will not accept** the assignments in any other form (email attachments, hard copies, and so on). **Late work policy will apply consistently and fairly to ALL assignments.** Late work policy is 25% off per day per assignment (including Saturday and Sunday). So, if the assignment is for 100 points, you can make a maximum score of 75 after one day, 50 after two days, 25 after three days, and zero after 4 days even if all your answers are correct.

**Table 1: Points allocated to each assignment.**

	Assignment	Points
1	Introduction Assignment	15
2	LitReview Assignment (graded but the grade is replaced by the one earned on the final paper at the end of the semester)	50
3	CITI certificate	10
4	Written Assignments #1, #2, and #3	90
5	APA-7 Assignment	50
6	Research Questionnaire	10
7	Chapter Quizzes	75
8	Zoom Meetings (Mandatory) 5 points each for two meetings	10
9	Research Document	25
10	IRB Application	50
11	Data Submission	5
12	Final Research Paper (Rubric will be provided)	150
13	Final Research Presentation (Rubric will be provided)	30
	Total	570

\*\*\*subject to change as per the needs of the class

**Table 2: Letter Grade and Percentage**

Percentage	Letter Grade
90% - 100%	A
80% - 89.99%	B
70% - 79.99%	C
60% - 69.99%	D
Below 60%	F

\*\*\* There will be NO rounding and grades will be calculated with two decimal

points.

### **Projects Required**

You are required to submit your final research paper (carries 150 points) and a presentation of the research (carries 30 points). The final research paper will be a culmination of your work in EDUC 5053 and in this course and graded holistically. You will be allowed to use these assignments for your certified courses, if needed. Make sure that you submit these papers in a timely manner to use them as requirements for your degree plan.

### **Research Paper Requirements**

- There should be at least 10 references.
- The paper should be in APA 7<sup>th</sup> edition style.
- The rubric to evaluate your paper will be shared and followed
- You should present (submit a video) your research. Further details will be provided on D2L.
- The due dates and the timeline of the research outlined in this syllabus is tentative and will change to meet your individual research needs.
- If you plan to graduate this semester, it is important that you meet with your academic advisor to determine the research requirements (presentation, paper, committee and so on) according to your degree plan, at the earliest. There are different requirements to be met regarding your research paper based on your degree plans and discipline of studies.

### **CITI Research Ethics and Compliance Training Certificate**

It is mandatory for all students to complete or renew the online preparatory course from CITI. You are required to produce the certificate before you apply for Human Subjects Approval. Please log on to the [CITI web link](#) (Collaborative Institutional Training Initiative (CITI Program), 2021) for training and certificate. You should select and complete the training "Human Subjects Research (HSR)" to become eligible to do research in this class. More details are available on D2L.

### **Assignments**

#### **Quizzes**

Chapter Quizzes will have 15 to 20 multiple-choice questions and will be timed to maximum of 2 hours. It is an open book quizzes and hence you can use notes or your book on the quizzes. Details will be given through "Watch me First" on D2L. Purpose of the quizzes is to evaluate your understanding of the statistics and different concepts of research methodology so that you can read research articles.

#### **APA Assignment**

APA assignment will be conducted this semester that focuses on in-text

citations and writing of the paper and will follow APA 7th edition. This will be a written response and details will be on D2L. The goal of the assignment is to help you understand in-text citations for your final research paper.

### **Research Doc Assignment**

This course requires each student to submit a IRB application or a blanket application. The research document is based on the IRB application components. This is done so that each student can receive feedback and use that to submit the IRB application. Timely submission of the IRB application is crucial for completion of the course.

### **Assignment Re-do**

There will be NO re-do on any assignments. I strongly recommend forming study groups and using GroupMe. I am happy to meet during office hours or schedule zoom sessions outside of office hours either individually or for groups for any support and help. I would be happy to meet with students who would need statistical analysis support.

### **Make-up work**

No make-up work is not allowed for any assignments, including the mid-semester exam.

### **Required Mandatory Zoom Meetings.**

You are required to meet as a class two times during the course. The dates and times are on the schedule and hence plan accordingly. The class meeting would last for 30-40 minutes (as stated in syllabus) and you have to stay the entire time to earn credit as stated in Table 1.

### **Human Subjects Approval from IRB**

All students must fill out a Human Subjects Application (IRB application) and submit it in D2L. By filling the application, you will learn different requirements for conducting research involving human subjects. There are chances that your research does not include human subjects. Nevertheless, it is required that you know the tenets of human subjects in your research. The IRB application will be graded based on the rubric provided (in D2L). Depending on your project and your subjects, we may or may not apply for the MSU IRB approval. If your research requires human subjects, and you do not have an approved IRB by the end of the semester- **you will receive an incomplete** since there can be no data collection or analysis without an IRB!!! Please schedule individual meetings with me if you have any confusion.

### **Extra Credit**

There will be extra credit opportunities provided as per the needs of the class.

### **Late Work**

Lateness of the submission will be determined by D2L. Please understand that D2L does not take into account holidays or weekends and so do I. For example, if the due date of a particular assignment were 11:59 pm,

1/21/2024, and you submitted the assignment at 12:00 am, 1/24/2024, the D2L dropbox will mark your assignment as ONE day late. **I will go by the D2L decision and will consider your assignment as ONE day late.** To avoid missing the due date by such hairline margins, I advise you to submit the assignment well ahead.

25% off per day per assignment (including Saturday and Sunday). So, if the assignment is for 100 points, you can make a maximum score of 75 after one day, 50 after two days, 25 after three days, and zero after 4 days if all your answers are correct. **There is NO late work zoom meetings!** All this is non-negotiable!!! If there are any issues/confusions, contact me **BEFORE** the assignment is due. Details for every week will be given through "Read Me First" or "Watch me First" in the respective folders

NOTE: *Computer or D2L issues do not provide an excuse.* Extensive use of the MSU D2L program is a part of this course. Each student is expected to be familiar with D2L as it provides a primary source of communication regarding assignments, examination materials, and general course information. You can log into D2L through the MSU Homepage. If you experience difficulties, please contact the technicians listed for the program or contact your instructor. *Do not wait till the last minute to submit the assignment.* Delays or sending through email will be counted late!

### **Blank submissions or submitting wrong files in D2L**

Extreme care should be taken when you submit your final document. If by any chance you submit a wrong file, make sure to submit the correct one as early as possible. All the drop-boxes are set to accept multiple files. I will evaluate the file that you submitted. If I have to notify you that you submitted the wrong file, and allow you to resubmit it, your grade will be 75% if the resubmission is within the date I would specify in the feedback.

### **Disposition and Reading feedback**

It is crucial that you read the feedback for your assignments and exhibit professionalism. There are a lot of moving pieces in this course such as certification requirements, IRB requirements, participants and research location, data analysis and many other things. I will support you to be successful and guide you throughout the course, however that requires you to read feedback, answer emails timely, show growth, and professionalism as needed for a masters student. The feedback will have instructions to improve your understanding of the topics that we discuss in our class, in addition to pointing out the mistakes in the submitted assignments. I am happy to meet individually via phone, virtually, or in person to discuss feedback.

### **Attendance / Participation**

Students should participate in all classes. Logging into D2L at least once a week and working diligently on assignments will be considered as your attendance for the week. In case of an emergency situation that will not allow

you to log on to D2L, please let me know as early as possible. One week's absence will result in a loss of 20 points from your earned points. Two weeks' absences will result in 50 points loss, contact to the advisor, and alert being issued to graduate school and student services. Excessive absences might also result in instructor-drop, if required.

### **Inclement Weather Policy**

In the case of campus closure due to inclement weather, the course will follow the MSU closing and policies. The instructor will monitor and communicate with students to provide updates through the D2L news section and via the communication policy. The course schedule provides deadlines for the assignments and may be visited by the instructor as per the needs of the class. This course will continue as scheduled unless indicated by the instructor.

### **Instructor-drop**

As per the College policies, an instructor may drop a student any time during the semester for excessive absences, for consistently failing to meet class assignments, for an indifferent attitude, or for disruptive conduct. Instructor will give the student a verbal or written warning prior to dropping the student from the class. The instructor-drop takes precedence over the student-initiated course drop of a later date. The instructor will assign a grade of either WF or F through the first 8 weeks of this semester. After this period, the grade will be an F. The date the instructor drop form is received in the Office of the Registrar is the official drop date.

### **Important Dates**

Last day for term schedule changes: January 21-24. Check date on [Academic Calendar](#).

Deadline to file for May graduation: February 17. Check date on [Academic Calendar](#).

Last Day to drop with a grade of "W:" March 24. Check date on [Academic Calendar](#).

Refer to: [Drops, Withdrawals & Void](#)

### **Online Computer Requirements**

Taking an online class requires you to have access to a computer (with Internet access) to complete and upload your assignments. It is your responsibility to have (or have access to) a working computer in this class. Assignments are due by the due date, and personal computer technical difficulties will not be considered a reason for the instructor to allow students extra time to submit assignments, tests, or discussion postings. Computers are available on campus in various areas of the buildings including the Clark Student Center (CSC). Your computer being down is not an excuse for missing a deadline!! There are many places to access your class! Our online classes can be accessed from any computer in the world which is connected to the



internet. Contact your instructor immediately upon having computer trouble. If you have technical difficulties in the course, there is also a student help desk available to you. The college cannot work directly on student computers due to both liability and resource limitations however they will be able to help you get connected to our online services.

### **Change of Schedule**

A student dropping a course (but not withdrawing from the University) within the first 12 class days of a regular semester or the first four class days of a summer semester is eligible for a 100% refund of applicable tuition and fees. Dates are published in the [Schedule of Classes](#) each semester.

### **Refund and Repayment Policy**

A student who withdraws or is administratively withdrawn from Midwestern State University (MSU) may be eligible to receive a refund for all or a portion of the tuition, fees and room/board charges that were paid to MSU for the semester. HOWEVER, if the student received financial aid (federal/state/institutional grants, loans and/or scholarships), all or a portion of the refund may be returned to the financial aid programs.

### **Services for Students with Disabilities**

In accordance with Section 504 of the Federal Rehabilitation Act of 1973 and the Americans with Disabilities Act of 1990, Midwestern State University endeavors to make reasonable accommodations to ensure equal opportunity for qualified persons with disabilities to participate in all educational, social, and recreational programs and activities. After notification of acceptance, students requiring accommodations should make an application for such assistance through Disability Support Services, located in the Clark Student Center, Room 168, (940) 397-4140. Current documentation of a disability will be required in order to provide appropriate services, and each request will be individually reviewed. For more details, please go to [Disability Support Services](#).

### **College Policies**

#### **Campus Carry Rules/Policies**

Refer to: [Campus Carry Rules and Policies](#)

Senate Bill 11 Handgun Policy -Senate Bill 11 passed by the 84th Texas Legislature allows licensed handgun holders to carry concealed handguns on campus, effective August 1, 2016. Areas excluded from concealed carry are appropriately marked, in accordance with state law. For more information regarding campus carry, please refer to the University's webpage at [Campus Carry](#)

#### **Smoking/Tobacco Policy**

College policy strictly prohibits the use of tobacco products in any building

owned or operated by MSU TEXAS. Adult students may smoke only in the outside designated-smoking areas at each location.

### **Alcohol and Drug Policy**

To comply with the Drug Free Schools and Communities Act of 1989 and subsequent amendments, students and employees of Midwestern State are informed that strictly enforced policies are in place which prohibits the unlawful possession, use or distribution of any illicit drugs, including alcohol, on university property or as part of any university-sponsored activity. Students and employees are also subject to all applicable legal sanctions under local, state and federal law for any offenses involving illicit drugs on University property or at University-sponsored activities

### **Obligation to Report Sex Discrimination under State and Federal Law**

Midwestern 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. State and federal law require University employees to report sex discrimination and sexual misconduct to the University's Office of Title IX. As a faculty member, I am required to report to the Title IX Coordinator any allegations, personally observed behavior, or other direct or indirect knowledge of conduct that reasonably may constitute sex discrimination or sexual misconduct, which includes sexual assault, sexual harassment, dating violence, or stalking, involving a student or employee. After a report is made, the office of Title IX will reach out to the affected student or employee in an effort to connect such person(s) with resources and options in addressing the allegations made in the report. You are also encouraged to report any incidents to the office of Title IX. You may do so by contacting:

Laura Hetrick  
Title IX Coordinator  
Sunwatcher Village Clubhouse  
940-397-4213

[laura.hetrick@msutexas.edu](mailto:laura.hetrick@msutexas.edu)

You may also file an online report 24/7 at [Online Report Form](#)

You may also file an online report 24/7 at [File Report here](#)

Should you wish to visit with someone about your experience in confidence, you may contact the MSU Counseling Center at 940-397-4618. For more information on the University's policy on Title IX or sexual misconduct, please visit [Title IX](#)

### **Grade Appeal Process**

Students who wish to appeal a grade should consult the Midwestern State University graduate catalog for the process. The current catalog can be downloaded from the link provided in the webpage for [University Catalogs](#)

## On-line Courses

On-line courses are a convenient and effective method of learning. However, online courses require organization skills. The following are some recommendations to be successful in this course:

- Schedule at least 7 to 9 hours a week for this course.
- Adhere to the due dates. You may turn in assignments early. Seek clarification for any concern in a timely manner.

Wish you all success in this course. Please enjoy the experience of understanding, analyzing, and synthesizing research.

## Course Schedule

Classes	Topics and Readings	Assignments
<p><b><u>Week 1</u></b> Jan 20th to 26th  <i>(Jan 20<sup>th</sup> – HOLIDAY)</i></p>	<ul style="list-style-type: none"> <li>• Read the Course Syllabus</li> <li>• Getting Started with Research</li> </ul>	<p><b>Introduction Discussion Board DUE</b> Jan 26th - 11:59pm</p> <p><b>Research Questionnaire DUE</b> Jan 26th -11:59pm</p>
<p><b><u>Week 2</u></b> Jan 27th to Feb 2nd</p>	<ul style="list-style-type: none"> <li>• CITI Training</li> <li>• Literature Review</li> </ul> <p><i>Readings: Uploaded on D2L</i></p>	<p><b>CITI Training Certificate DUE</b> Feb 2nd -11:59pm</p> <p><i>Sign-up for Zoom mandatory meeting #1- Jan 28th (Tuesday) - Choice of times given</i></p> <p><b>Literature Review DUE</b> Feb 2nd – 11:59 pm</p>
<p><b><u>Week 3</u></b> Feb 2nd to 9th</p>	<ul style="list-style-type: none"> <li>• Univariate Data</li> </ul> <p><i>Readings: Huck- Chapter 2</i></p>	<p><b>Written Assignment #1 DUE</b> Feb 9th – 11:59pm</p>
<p><b><u>Week 4</u></b> Feb 10th to 16th</p>	<p>Components of a Research Paper</p> <ul style="list-style-type: none"> <li>• Purpose Statement</li> <li>• Reacher Question and Hypothesis</li> <li>• Research procedure and participants</li> <li>• Anonymity and Confidentiality</li> </ul> <p><i>Readings: Uploaded on D2L</i></p>	<p><b>Research Document DUE</b> Feb 16th - 11:30pm</p>

<b><u>Week 5</u></b> Feb 17th to 23rd	<ul style="list-style-type: none"> <li>• Validity and Reliability</li> <li>• Sampling</li> </ul> <i>Readings: Huck – Chapters 4 and 5</i>	<b>Quiz #4 DUE</b> Feb 23rd – 11:59pm <b>Quiz #5 DUE</b> Feb 23rd – 11:59pm
<b><u>Week 6</u></b> Feb 24th to March 2nd	<ul style="list-style-type: none"> <li>• Hypothesis Testing</li> </ul> <i>Readings: Huck Chapter 7</i>	<b>Quiz #7 DUE</b> March 2nd - 11:59pm
<b><u>Week 7</u></b> March 3rd to 9th	Components of a Research Paper <ul style="list-style-type: none"> <li>• Research Methodology</li> <li>• Participants and informed consent</li> <li>• Mid-Semester exam</li> </ul> <i>Use Research document feedback</i>	<b>IRB Application DUE</b> March 9th - 11:59pm <i>Optional Zoom TBA</i>
<b><u>Week 8</u></b> March 10th to 16th	<b>Spring Break</b>	<b>Spring Break</b>
<b><u>Week 9</u></b> March 17th to 23rd	<ul style="list-style-type: none"> <li>• APA Rules and Guidelines</li> </ul> <i>APA Manual 7th edition</i>	<b>APA Assignment DUE</b> March 23rd - 11:59pm
<b><u>Week 10</u></b> March 24th to 30th	Work on your literature review and Written Assignment #2	<i>Work Week given</i> <i>No assignments due this week!</i>
<b><u>Week 11</u></b> March 31st to April 6th	<ul style="list-style-type: none"> <li>• Independent sample T-test</li> <li>• Dependent sample t-test</li> <li>• Mann Whitney test</li> </ul> <i>Uploaded Readings and PowerPoints</i>	<b>Written assignment #2 DUE</b> - April 6th -11:59pm <i>Mandatory Zoom #2 this week - TBA</i>
<b><u>Week 12</u></b> April 7th to 13th	<ul style="list-style-type: none"> <li>• ANOVA</li> <li>• Post-Hoc</li> </ul> <i>Readings: Huck - Chapters 11 and 12</i>	<b>Quiz #11 DUE</b> April 13th - 11:59 pm <b>Quiz #12 DUE</b> April 13th - 11:59 pm
<b><u>Week 13</u></b> April 14th to	<ul style="list-style-type: none"> <li>• Data Collection and Submission Week</li> </ul>	<b>Data Submission DUE</b> April 20th -

20th (April 17-20- Holidays)	<ul style="list-style-type: none"> <li>• Writing of the Research Paper</li> </ul> <i>Revise Literature Review</i>	11:59 pm
<b>Week 14</b> April 21st to 27th	<ul style="list-style-type: none"> <li>• ANOVA</li> <li>• Post-Hoc</li> </ul> <i>Readings: Huck - Chapters 11 and 12</i>	<b>Written Assignment #3 DUE</b> April 27th -11:59pm
<b>Week 15</b> April 28th to May 4th	<ul style="list-style-type: none"> <li>• Data Analysis and Writing the Research Paper</li> <li>• Revise Literature Review</li> </ul> <b>*Check the Research Paper Rubric</b>	Work Week for the Revision of Literature Review and Writing of the Research Paper
<b>Week 16</b> May 5th to May 11th	<ul style="list-style-type: none"> <li>• Final paper and Video Presentation Submission</li> </ul> <b>*Check the Research Paper Rubric</b>	<b>FINAL PAPER DUE</b> by May 11th - 11:59pm <b>FINAL PRESENTATION DUE</b> by May 11th - 11:59 pm

\*Disclaimer Notice: Changes in the course syllabus, procedure, assignments, and schedule may be made at the discretion of the instructor to meet the needs of the class appropriately.

### References

- American Psychological Association. (2019). *Publication Manual of the American Psychological Association* (7th ed.). American Psychological Association.
- Collaborative Institutional Training Initiative (CITI Program). (2021). *Research, Ethics, and Compliance Training: CITI Program*. <https://About.Citiprogram.Org/>. <https://about.citiprogram.org/en/homepage/>
- Creswell, J. W., & Clark, V. L. P. (2017). *Designing and conducting mixed methods research*. Sage publications.
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- Creswell, J. W. (1999). *Mixed-method research: Introduction and application*. In *Handbook of educational policy* (pp. 455-472). Academic Press.
- Creswell, J. W., & Creswell, J. D. (2018). *Research Design: Qualitative, Quantitative, and Mixed Methods Approaches* (5th ed.). SAGE Publications, Inc.
- Huck, S. W. (2011). *Reading Statistics and Research* (6th ed.). Pearson.

Merriam, S. B. (1998). *Qualitative Research and Case Study Applications in Education. Revised and Expanded from "Case Study Research in Education."*. Jossey-Bass Publishers, 350 Sansome St, San Francisco, CA 94104.

Patton, M. Q. (2014). *Qualitative research & evaluation methods: Integrating theory and practice*. Sage publications.

Salkind, N. J., & Frey, B. B. (2019). *Statistics for People Who (Think They) Hate Statistics* (7th ed.). SAGE Publications, Inc.

**\*Wish you all success in this course!!!\***