



Course Syllabus: **EDUC 5053- Intro to Research**

West College of Education

Sections: X13 and DX4

Fall 2020, revised Aug 2020

Contact Information

Instructor: Dr. Dittika Gupta

Office: Bridwell Hall 228

Office hours: Monday 2:30-3:30pm, Tuesday 2:00-3:30pm, Thursday 5:30-6:30pm; Friday 11:30-12:30pm

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Instructor Response Policy

We will be working and communicating constantly throughout the semester. Email is great however you will also be a part of class GroupMe which will provide more flexibility in communication. I will try my best to answer all emails and texts with 24 hours however you should definitely get a response within 48 hours (2 days). Any emails or texts received during weekends will not receive a response till the following Monday. No emails or texts will be answered over the weekend.

Textbook & Instructional Materials

Required Textbooks & Instructional Materials

1. Huck, S. W. (2011). *Reading Statistics and Research* (6th ed.). Boston: Pearson.
2. American Psychological Association. (2009). *Publication Manual of the American Psychological Association* (7th ed.). Washington, DC: American Psychological Association.
3. Handouts and copied materials as required through the semester.

Course Description

The course, EDUC 5053, fosters an understanding of the role of research in education and acquaints students with research methodologies appropriate to education while preparing them to understand, analyze, synthesize, and critically evaluate contemporary educational research. This course should be taken in the first or second semester of the program.

Course Objectives

Primary goals for this course are to provide students the knowledge, skills, and dispositions necessary

1. To read, understand, and appreciate research, and
2. To write a literature review (around 7-8 pages in length).

Standards

Students will be able to

1. Understand the rationale, purpose and ethical implications of research in educational settings. (CACREP standard a, e and f)
2. Identify types of data and associated appropriate measures of central tendency and descriptive statistics. (CACREP Standard b, c and d)
3. Describe null and directional hypothesis and interpret both from research questions. (CACREP Standard b, c and d)
4. Describe the differing types of reliability and validity and analyze the value of each in research articles. (CACREP Standard b, c and d)
5. Analyze inferences from bivariate correlation statistics (both parametric and nonparametric). (CACREP Standard b, c and d).
6. Interpret written results of parametric tests including; t-tests, ANOVA, and post hoc tests. (CACREP Standard b, c and d)
7. Interpret written results of nonparametric tests including Mann Whitney U, Kruskal Wallis, Chi Square, Fischer, and Wilcoxon.
8. Interpret results of qualitative research including single case, case study, focus groups, ethnography, and content analysis of written documents. (CACREP standard a and e)
9. Analyze quantitative, qualitative, and mixed methods research (CACREP Standard b)
10. Use information from critical analysis of previous research to create a literature review synthesizing multiple resources and contrasting differing points of view.

Study Hours and Tutoring Assistance

ASC offers a schedule of selected subjects tutoring assistance. Please contact the ASC, (940) 3974684, or visit the ASC homepage for more information.

Student Handbook

Refer to: [Student Handbook-2019-20](#)

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 for credit of work not the individual's to whom credit is given). Additional guidelines on procedures in these matters may be found in the Office of Student Conduct.

[Office of Student Conduct](#)

Attendance

Students should participate in all online activities of this course. It is important that students should meet all the deadlines as posted online. In case of any emergency situation (like death or illness in family and so on) it is important that the student should report the same to the professor in a timely manner. It is your course and the primary intention should be to reach the goals and acquire proficiency in the topics discussed in the course. Although in general students are graded on intellectual effort and performance rather than attendance, absences may lower the student's grade where class attendance and class participation are deemed essential. Excessive tardiness or absence (as determined by the professor), disruptive online attitude, or failure to consistently class requirements might result in instructor-drop, if required. Attendance for the mandatory zoom meeting is a part of student's grade and failure to appear during your chosen time would lead to loss of those points.

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 take 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.

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 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 as well as the Academic Success

Center. 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 helpdesk available to you. The college cannot work directly on student computers due to both liability and resource limitations however they are able to help you get connected to our online services. For help, log into D2L.

Instructor Classroom Policies

Even though this is an online class, appropriate dressing is necessary for all zoom/virtual meetings and all video assignments. You should be dressed as you would for a regular face-to-face class. Actions and behavior should reflect professionalism. Non-compliance with classroom polices will result in loss of points for that particular assignment or meeting.

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 written assignments 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!!!

Reading Feedback on Assignments

It is crucial that you read the feedback for your assignments. 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.

Grading/Assessment

Table 1: Points allocated to each assignment

Assignments	Grade Points
Course quiz	10
Introduction (Flipgrid) +replies	10
Choosing a Research Topic +feedback (Rubric provided)	10
Final Research Question (Rubric will be provided)	5
Assignments (25 times 5)	125
Zoom meeting (2*5 points)	10

Assignments	Grade Points
Literature Search Report (Rubric will be provided)	16
Draft 1 (Rubric will be provided)	18
Introduction draft (Rubric will be provided)	12
Draft 1 Peer Review (Rubric will be provided)	14
Final Literature Review (Rubric will be provided)	50
Total	280

Table 2: Total points for final grade.

Grade	Points
A	90% - 100%
B	80% - 89%
C	70% - 79%
D	60% - 69%
F	Below 59%

Quizzes and Assignments

There are five assignments which will either multiple choice or open ended questions. Each assignment will be 25 points. Other assignments in the course would be geared towards writing of literature review. Details for each assignment and quiz will be provided in that week's folder on D2L. Your literature review assignment (7-8 pages in length) will be the major final assignment and also count as the final.

Mid-Term Exam

Mid-term would be the submission of the Draft of the Literature Review assignment.

Extra Credit

Extra Credit opportunity will be given and will depend on the flow and needs of the class.

Late Work

25% off per day per assignment (including Saturday and Sunday). So, if the assignment is for 25 points, you can make a maximum score of 18.75 after one day, 12.5 after two days, 6.25 after three days, and zero after 4 days if all your answers are correct. **There is NO late work on discussion boards or quizzes!** All this is non-negotiable!!! If there are any issues/confusions, contact me **BEFORE** the assignment is due (at least 48 to 24 hours before the assignment is due). Time shown as on D2L or email be used.

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!

Make Up Work/Tests

There will be no make-up or resubmissions allowed on assignments, quizzes, discussion boards, or any other activity in class. Zoom meetings may be rescheduled however points will not be given for the rescheduled zoom meeting.

Important Dates

Last day for term schedule changes: Aug 24th- 26th

Deadline to file for graduation: Sept 28th for students graduating in December and Oct 8th for those graduating in May

Last Day to drop with a grade of "W:" Dec 4th, 2020

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

Desire-to-Learn (D2L)

Extensive use of the MSU D2L program is a part of this course. Each student is expected to be familiar with this program 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.

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. As described below, two formulas (federal and state) exist in determining the amount of the refund.

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 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](#)

Smoking/Tobacco Policy

College policy strictly prohibits the use of tobacco products in any building owned or operated by WATC. 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.

Grade Appeal Process

Update as needed. Students who wish to appeal a grade should consult the Midwestern State University [MSU Catalog](#)

Notice

Changes in the course syllabus, procedure, assignments, and schedule may be made at the discretion of the instructor.

Course Schedule

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.

All assignments are due on Sunday by 11:30pm

Classes	Topics	Readings and other Things	Assignments Due
<u>Week 1</u> Aug 24 th to 30 th	Introduction, getting to know each other and the course	Watch Course Syllabus video Introductions and know your peers. Download the syllabus and post any questions you have on <i>GroupMe</i>	Introduction and replies to at least two peers due Aug 30 th - Flipgrid
<u>Week 2</u> Aug 31 st to Sep 6 th	Getting ready for the course Developing Research Topic	Course Syllabus Readings uploaded in the folder	Course Quiz due Sept 6 th Choosing a Research topic assignment due Sept 6 th (Discussion Board)
<u>Week 3</u> Sept 7 th to 13 th	Refining Research Question and Univariate data	Research topic readings (in folder) Chapter 2 (<i>Holiday Sept 7th -Labor Day</i>)	Revising Research Question Assign due Sept 13 th Assignment 1 due Sept 13 th <i>Schedule a Zoom Meeting</i>
<u>Week 4</u> Sept 14 th to 20 th	Research question and Bivariate Correlations	Chapter 3	Revising Research Question Assign due Sept 20 th Assignment 2 due Sept 20 th <i>Schedule a Zoom Meeting</i>
<u>Week 5</u> Sept 21 st to 27 th	Literature Search	Work on your literature review Start finding articles and reading them	Final Research Question Assignment due Sept 27 th Work Week for Lit Review Assignment
<u>Week 6</u> Sept 28 th to Oct 4 th	Literature Review	Keep working on your literature review	Literature Search Report due Oct 4 th

Classes	Topics	Readings and other Things	Assignments Due
<u>Week 7</u> Oct 5 th to 11 th	Literature Review Reliability, Validity, and Estimation	Chapters 4, 5, and 6	Assignment 3 due Oct 11 th Work week to start your literature review paper (introduction)
<u>Week 8</u> Oct 12 th to 18 th	Literature Review	Working on lit review	Introduction (Literature Review) Due Oct 18 th
<u>Week 9</u> Oct 19 th to 25 th	Hypothesis Testing	Chapter 7	Assignment 4 due 25 th <i>Schedule a Zoom Meeting</i>
<u>Week 10</u> Oct 26 th to Nov 1 st	Means, ANOVA, and Post Hoc	Chapters 10, 11, and 12	Assignment 5 due Nov 1 st <i>Schedule a Zoom Meeting</i>
<u>Week 11</u> Nov 2 nd to Nov 8 th	Literature Review	Work on the revisions for Lit review	Draft of the Literature Review due Nov 8 th
<u>Week 12</u> Nov 9 th to 15 th	Literature Review	Working on Literature Review Peer Review	Peer Feedback due Nov 15 th
<u>Week 13</u> Nov 16 th to 22 nd	Literature Review	Work individually on developing your final literature review.	Work Week for literature review. Use peer review, professor review and the concepts that you learned in this course
<u>Week 14</u> Nov 23 rd to 29 th	Literature Review	Work individually on developing your final literature review.	Work Week for literature review. <i>And Thanksgiving Break (MSU Holiday starts 10pm on 24th)</i>
<u>Week 15</u> Nov 30 th to Dec 6 th			Work Week for literature review. Use peer review, professor review and the concepts that you learned in this course
Final Literature Review due by Dec 7 th Extra Day given			

Online Instruction

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

1. Schedule at least 7 to 9 hours a week for this course.
2. 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 existing research.

References

- American Psychological Association. (2009). *Publication Manual of the American Psychological Association* (6th ed.). Washington, DC: American Psychological Association.
- Huck, S. W. (2011). *Reading Statistics and Research* (6th ed.). Boston: Pearson.
- Machi, L. A., & McEvoy, B. T. (2016). *The Literature Review: Six Steps to Success* (3rd edition). Thousand Oaks, California: Corwin.
- Midwestern State University. (2018). Campus Carry. Retrieved August 24, 2018, from <https://mwsu.edu/campus-carry/>
- National Institutes of Health [NIH]. (2018). Office of Extramural Research, Protecting Human Research Participants tutorial (Developed 3/1/2008; Version 2/4/2011). Retrieved from <https://phrp.nihtraining.com/#> on September 2018.