



Syllabus for Intro to Educational Research Spring Semester 2020

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West College of Education

Course Dates: Jan 18th to May 15th

Contact Information

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Office Hours (Ferguson 108)

Monday -1:30-3:00pm

Wednesday – 1:30-3:0pm

Thursday – 2:30-4:30pm

How to contact me?

Use email dittika.gupta@msutexas.edu. If you sent an email through D2L, its ok – I have them forwarded to my personal email. Most importantly, I will be checking the **“course question discussion board”** several times during the day. This will be the place to post all your queries, confusions, and questions about the course. This will not only able for us to be organized, but also help get input from peers and clarify additional questions for the class. *I will not be answering questions regarding assignments via MSU email.* In case you need to talk to me – Yes, sometimes it will help to talk than using emails – please use my office phone number (940)397-4269 to call during office hours or leave a message with your phone number, name, and course number (EDUC 5053) in case you end up in a voice message box. Another option is to email me your phone number. In both situations, I will contact you as soon as possible. If you are in Wichita Falls or anywhere near, you are welcome to schedule an appointment to meet with me or please come during office hours.

Goals and 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.

Catalog Description of the Course

Prerequisite: Score of 3.5 on GRE Analytical Writing Section or 4.0 on the Criterion On-Line Writing Evaluation.

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.

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.

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.

Attendance / Participation

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. Excessive tardiness or absence (as determined by the professor) might result in instructor-drop, if required.

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.

Academic Honesty and Intellectual Property

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). Additional guidelines on procedures in these matters may be found in the Office of Student Conduct.

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. [Student Handbook 2018-19](#)

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!!!

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.

Reading feedback for your 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.

Disability Support Services

In accordance with the law, MSU provides students with documented disabilities academic accommodations. If you are a student with a disability, please contact your instructor as well as Disability Support Services, Clark Student Center, Room 168, Phone: (940) 397-4140.

Grade Appeal Process

Students who wish to appeal a grade should consult the Midwestern State University graduate catalog for the process.

University Guideline for Concealed Carry of handguns on Campus

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](#)

Grading

Assignments	Grade points
Course quiz	9
Introduction (Flipgrid) +replies	10
Choosing a Research Topic +feedback (Rubric provided)	10
Research Question (Rubric will be provided)	5
Assignments (25 times 5)	125
Zoom meeting	10
Literature Search Report (Rubric will be provided)	5
Draft 1 (Rubric will be provided)	18
Introduction draft (Rubric will be provided)	9
Draft 1 Peer Review (Rubric will be provided)	14
Final Literature Review (Rubric will be provided)	50
Total	265

Letter Grade Scale

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

Late work policy – 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 re-submissions!** All this is non-negotiable!!! If there are any issues/confusions, contact me **BEFORE** the assignment is due (at least 48 hours before the assignment is due).

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 wrong file, make sure to submit the correct one as early as possible. All the Dropboxes are set to accept multiple files, however they either close or provide me alert if an assignment is submitted late. 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.

On-line 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.

Tentative 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> Jan 19 th to 26 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 the course question discussion board	Introduction and replies to at least two peers due Jan 26 th -Flipgrid <i>Schedule a Zoom Meeting</i>
<u>Week 2</u> Jan 27 th to Feb 2 nd	Getting ready for the course Developing Research Topic	Course Syllabus Readings uploaded in the folder	Course Quiz due Feb 2 nd Choosing a Research topic assignment due Feb 2 nd (Discussion Board) <i>Schedule a Zoom Meeting</i>
<u>Week 3</u> Feb 3 rd to 9 th	Refining Research Question and Univariate data	Research topic readings (in folder) Chapter 2	Revising Research Question Assign due Feb 9 th Assignment 1 due Feb 9 th
<u>Week 4</u> Feb 10 th to 16 th	Research question and Bivariate Correlations	Chapter 3 Start finding articles and reading them	Revising Research Question Assign due Feb 16 th Assignment 2 due Feb 16 th
<u>Week 5</u> Feb 17 th to 23 rd	Literature Search	Work on your literature review	Finalizing your research question and literature search <i>Schedule Zoom Meeting</i> Final Research Question Assignment due Feb 23 rd
<u>Week 6</u> Feb 24 th to March 1 st	Literature Review	Keep working on your literature review (especially introduction)	Literature Search Report due March 1 st

<u>Week 7</u> March 2 nd to 8 th	Literature Review Reliability, Validity, and Estimation	Working on Literature Review Chapters 4, 5, and 6	Introduction (Literature Review) Due March 8 th Assignment 3 due March 8 th
<u>Week 8</u> March 9 th to 15 th	Literature Review Hypothesis Testing	Keep working on lit review Chapter 7	Assignment 4 due March 15 th
March 16 th to 22 nd	Spring Break		
<u>Week 9</u> March 23 rd to 29 th	Literature Review	Working on Literature Review	Draft of the Literature Review due March 29 th
<u>Week 10</u> March 30 th to April 5 th	Literature Review	Working on Literature Review Peer Review	Peer Feedback due April 5 th
<u>Week 11</u> April 6 th to 12 th	Literature Review	Work on the revisions for Lit review <i>(Holidays from April 8th to 12th)</i>	N/A
<u>Week 12</u> April 13 th to 19 th	Means, ANOVA, and Post Hoc	Chapters 10, 11, and 12	Assignment 5 due April 19 th
<u>Week 13</u> April 20 th to 26 th	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> April 27 th to May 2 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 15</u> May 4 th to May 10 th			Final Literature Review due by May 10 th