

Course Schedule: EDUC6753, Applied Research

Dr. Austin Kureethara Manuel

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

Classes	Assignments	Topics	Research Timeline
Week1 1/10 – 1/16	<ul style="list-style-type: none"> • LitReview Analysis Assignment. 	Syllabus Discussion Topic LitReview Analysis Assignment Basics of Statistics NIH certificate Types of variables	Submit Lit Review Analysis Module "Writing Guide" is available for your reference.
Week 2 1/17 – 1/23	<ul style="list-style-type: none"> • CITI certificate. • Research Questionnaire. • Research Introduction. • Research Problem. • Mandatory Discussion #1. 	Chapter 1: Research design. Chapter 4: Writing strategies and Ethical considerations. APA (7 th Edition) Style guide. Discuss IRB permission for your research.	Submit CITI certificate. Research Questionnaire.
Week 3 1/24 – 1/30	<ul style="list-style-type: none"> • Assignment 1 (Reliability and validity). • Research Purpose statement. • Research Question. • Research Hypotheses. • Research Variable(s). • APA 7 Assignment 1 	Final Research Document Format Chapter 5: The Introduction.	Start writing the document

Classes	Assignments	Topics	Research Timeline
Week 4 1/31 – 2/6	<ul style="list-style-type: none"> • Assignment 2. • Research Methodology. • Mandatory Discussion #2. 	Chapter 6: The Purpose Statement Chapter 7: Research Questions and Hypotheses. Reliability and validity	Determine the type of study, finalize methodology and get my approval for your methodology. Submit Methodology.
Week 5 2/7 – 2/13	<ul style="list-style-type: none"> • Assignment 3 • APA 7 Assignment 2 	Chapter 8: Quantitative Methods Reporting Stat in Text Descriptive Analysis	Submit IRB application documents
Week 6 2/14 – 2/20	<ul style="list-style-type: none"> • Assignment 4 	Basic Steps in Statistical Analysis Bivariate correlations. What Analysis do I use? One sample t-test Assignment 3	Data Collection
Week 7 2/21 – 2/27	<ul style="list-style-type: none"> • Assignment 5 	How to conduct independent t test? How to conduct Mann-Whitney test? Assignment 4	Data Collection. A drop box "Data Folder" is available in the module "Submit your data here" to submit your data
Week 8 2/28 – 3/6	<ul style="list-style-type: none"> • Exam 1 	Exam 1	Data Collection

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Week 9 3/7 – 3/13	<ul style="list-style-type: none"> • Assignment 6 • APA 7 Assignment 3 	How to conduct dependent t test (paired t test)	Data Collection
3/14 – 3/19	Spring	Break	Spring Break
Week 10 3/21 – 3/27	<ul style="list-style-type: none"> • Assignment 7 	How to conduct correlational Analysis?	Data Collection / Writing research paper/ Data Analyses
Week 11 3/28 – 4/3	<ul style="list-style-type: none"> • APA 7 Assignment 4 • Mandatory Discussion #3. 	Chapter 9: Qualitative Procedures: Grounded theory, Ethnographic, Narratives. Chapter 10: Mixed Methods Procedures.	Writing research paper.
Week 12 4/4 – 4/10	<ul style="list-style-type: none"> • You may submit your “final paper” draft for ONE TIME comment. This submission is not mandatory. 	Writing your research paper.	Submit your paper for my non-mandatory “ONE TIME” comment on your final paper.
4/13 – 4/16	Holidays	Holidays	Holidays
Week 13 4/18 – 4/24	<ul style="list-style-type: none"> • Exam 2 	Exam 2	Submit Exam 2
Week 14 4/25 – 4/29	<ul style="list-style-type: none"> • Final Research Paper • Presentation • Mandatory Discussion #4. 	No specific topic. Open for discussion.	Submit your final research paper. Submit your presentation video.
Week 15 4/30 – 5/4	Winding up the course.	No specific topic. Open for discussion.	Winding up the research.

Wish you all success in this course.