

Course Schedule: EDUC6753, Applied Research (Page 1 of 3)

Dr. Austin Kureethara Manuel

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

<b>Classes</b>	<b>Assignments</b>	<b>Topics</b>	<b>Research Timeline</b>
Week1 8/26 – 9/1	<ul style="list-style-type: none"> <li>• LitReview Analysis Assignment.</li> </ul>	Syllabus Child Protection Training Certificate. 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 9/2 – 9/8	<ul style="list-style-type: none"> <li>• CITI certificate.</li> <li>• Research Questionnaire.</li> <li>• Research Introduction.</li> <li>• Research Problem.</li> <li>• <b>Mandatory Discussion #1.</b></li> </ul>	Chapter 1: Research design. Chapter 4: Writing strategies and Ethical considerations. APA (7 <sup>th</sup> Edition) Style guide. Discuss IRB permission for your research.	Submit CITI certificate. Research Questionnaire.
Week 3 9/9 – 9/15	<ul style="list-style-type: none"> <li>• Assignment 1 (Reliability and validity).</li> <li>• Research Purpose statement.</li> <li>• Research Question.</li> <li>• Research Hypotheses.</li> <li>• Research Variable(s).</li> <li>• APA 7 Assignment 1</li> </ul>	Final Research Document Format Chapter 5: The Introduction.	Start writing the document

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Week 4 9/16 – 9/22	<ul style="list-style-type: none"> <li>• Assignment 2.</li> <li>• Research Methodology.</li> <li>• <b>Mandatory Discussion #2.</b></li> </ul>	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 9/23 – 9/29	<ul style="list-style-type: none"> <li>• Assignment 3</li> <li>• APA 7 Assignment 2</li> </ul>	Chapter 8: Quantitative Methods Reporting Stat in Text Descriptive Analysis	Submit IRB application documents
Week 6 9/30 – 10/6	<ul style="list-style-type: none"> <li>• Assignment 4</li> </ul>	Basic Steps in Statistical Analysis Bivariate correlations. What Analysis do I use? One sample t-test Assignment 3	Data Collection
Week 7 10/7 – 10/13	<ul style="list-style-type: none"> <li>• Assignment 5</li> </ul>	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 10/14 – 10/20	<ul style="list-style-type: none"> <li>• Exam 1</li> </ul>	Exam 1	Data Collection

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Week 9 10/21 – 10/27	<ul style="list-style-type: none"> <li>• Assignment 6</li> <li>• APA 7 Assignment 3</li> </ul>	How to conduct dependent t test (paired t test)	Data Collection
Week 10 10/28 – 11/3	<ul style="list-style-type: none"> <li>• Assignment 7</li> </ul>	How to conduct correlational Analysis?	Data Collection / Writing research paper/ Data Analyses
Week 11 11/4 – 11/10	<ul style="list-style-type: none"> <li>• APA 7 Assignment 4</li> <li>• <b>Mandatory Discussion #3.</b></li> </ul>	Chapter 9: Qualitative Procedures: Grounded theory, Ethnographic, Narratives. Chapter 10: Mixed Methods Procedures.	Writing research paper.
Week 12 11/11 – 11/17	<ul style="list-style-type: none"> <li>• You may submit your "final paper" draft for ONE TIME comment. This submission is not mandatory.</li> </ul>	Writing your research paper.	Submit your paper for my non-mandatory "ONE TIME" comment on your final paper.
Week 13 11/18 – 11/24	<ul style="list-style-type: none"> <li>• Exam 2</li> </ul>	Exam 2	Submit Exam 2
11/25 – 12/1	Thanksgiving	Holidays	Break
Week 14 12/2 – 12/6	<ul style="list-style-type: none"> <li>• Final Research Paper</li> <li>• Presentation</li> <li>• <b>Mandatory Discussion #4.</b></li> </ul>	No specific topic. Open for discussion.	Submit your final research paper. Submit your presentation video.
Week 15 12/7 – 12/11	Winding up the course.	No specific topic. Open for discussion.	Winding up the research.

Wishing you all success in this course.