



EDCI 696.41B Application of Research Methods

COURSE SYLLABUS: FALL 2025

INSTRUCTOR INFORMATION

Instructor: Carol Revelle, Ph.D.

Office Location: Sowers Education South 231

Office Hours: Tuesdays 9:00AM – 6:30 PM Wednesdays 1:00PM – 3:00PM

University Email Address: carol.revelle@etamu.edu

Preferred Form of Communication: email or office hours

Communication Response Time: 24 workday hours

COURSE INFORMATION

Materials – Textbooks, Readings, Supplementary Readings

Class Meeting Times: Every Monday 5:00 PM – 9:30 PM (Live classes are on the Mesquite campus & online classes are on Zoom).

Textbook(s) Required (AVAILABLE ONLINE THROUGH WATER'S LIBRARY):

Terrell, S. R. (2016). *Writing a proposal for your dissertation: Guidelines and examples*. Guilford Press. (ISBN #9781462523023)

Software Required: Your choice of software... but you will need software support for organizing and keeping up with your resources and bibliography.

Optional Texts and/or Materials:

Carnegie Project on the Education Doctorate. (2026). :Resource center: Dissertation in practice." <https://www.cpedinitiative.org/dissertation-in-practice>

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Boudah Daniel J., (2019) "Conducting Educational Research: Guide to Completing a Thesis, Dissertation, or Action Research Project", 2nd Edition. SAGE Publications Inc., CA. ISBN # 978-1544351698

Patten, Mildred L., (2014) "Questionnaire Research: A Practical Guide", 4th Edition. Routledge. ISBN # 978-1936523313

Pan, M. L. (2015). Preparing Literature Reviews: Qualitative and Quantitative Approaches, 5th Edition. New York, NY: Routledge. (ISBN 978-1936523399)

Silverman, D. (2013). Doing Qualitative Research: A Practical Handbook, 4th Edition. London, UK: SAGE Publications Ltd. (ISBN 978-1446260159)

Adelheid, A. A. M. & Pexman, P. M. (2010). Presenting Your Findings: A Practical Guide for Creating Tables, 6th Edition. Washington, DC: American Psychological Association. (ISBN 978-1433807053) Adelheid, A. A. M. & Pexman, P. M. (2010).

Displaying Your Findings: A Practical Guide for Creating Figures, Posters, and Presentations, 6th Edition. Washington, DC: American Psychological Association. (ISBN 978-1433807077)

American Psychological Association (2010). Publications Manual of the American Psychological Association, 6th Edition. Washington, DC: American Psychological Association. (ISBN 978-1433805615)

Course Description

An application of research methodology in curriculum and instruction including basic concepts employed in quantitative and qualitative research methods. This course includes conducting data collection, data analysis, and use of computer applications for research. Students will, by the end of semester, develop skills and knowledge necessary to write a draft of a research proposal. This is not a statistics class, but students should be currently enrolled or have completed one statistics course. Prerequisites include the completion of EDCI 695 and Doctoral level standing or consent of the instructor.

Student Learning Outcomes

1. The student will increase their skills in reviewing and critiquing peer-reviewed studies for the purpose of learning how to understand research results, conclusions, and implications.

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2. The student will increase their skills in writing research questions, and hypotheses for quantitative and mixed methods research.
3. The student will increase their knowledge and ability to select structured quantitative instruments and create qualitative and mixed methods questionnaires by which to measure their hypotheses.
4. The student will increase their skills in determining what statistical method to use to test their quantitative data.
5. The student will analyze data using Excel and SPSS, present and interpret results, and write a brief report using tables.
6. The student will develop datasets using Excel and import into SPSS for analysis.

COURSE REQUIREMENTS

Minimal Technical Skills Needed

Students will be required to use the current learning management system (D2L), Microsoft Word, PowerPoint, YouTube videos, Zoom, and Web browsing skills while completing this course.

Instructional Methods

Methods of Instruction:

This course is made up of a series of mini lessons, activities, and assignments aligned with the goal of achieving the course and module learning objectives.

Student Responsibilities or Tips for Success in the Course

Check your Leo email at least twice a week for updates, assignments, and notifications. a) Complete assignments prior to due date. b) Be prepared to discuss, question, analyze, critique, and debate readings, research, and other class assignments. c) Participate regularly and follow the conduct rules. d) Demonstrate the attainment of a depth of knowledge commensurate with doctoral studies and professional behavior in all you do. e) Lack of preparation, participation, and/or professionalism (please see the Code of Student Conduct in the East Texas A&M University Student Guidebook) may result in removal from class or lowering of your final grade. Plagiarism may result in dismissal from the doctoral program.

Artificial Intelligence (AI):

- AI can support clarity, organization, and motivation

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- Do not prompt AI to create content
- It should not replace your original analysis, voice, or thinking
- If AI shaped your ideas or phrasing, revise in your voice and cite responsibly
- YOU are responsible for all the work you submit

GRADING

Final grades in this course will be based on the following scale:

A = 90%-100%

B = 80%-89%

C = 70%-79%

D = 60%-69%

F = 59% or Below

Assessments

2 CITI Program Certificates: Responsible Conduct of Research & Social & Behavioral Research – 10%

Classwork and discussions – 20%

Proposal progress and conferences 50%

IRB Draft – 20%

TECHNOLOGY REQUIREMENTS

LMS

All course sections offered by East Texas A&M University have a corresponding course shell in the myLeo Online Learning Management System (LMS). Below are technical requirements

LMS Requirements:

<https://community.brightspace.com/s/article/Brightspace-Platform-Requirements>

LMS Browser Support:

https://documentation.brightspace.com/EN/brightspace/requirements/all/browser_support.htm

Zoom Video Conferencing Tool

https://inside.etamu.edu/campuslife/CampusServices/CITESupportCenter/Zoom_Account.aspx?source=universalmenu

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ACCESS AND NAVIGATION

You will need your campus-wide ID (CWID) and password to log into the course. If you do not know your CWID or have forgotten your password, contact the Center for IT Excellence (CITE) at 903.468.6000 or helpdesk@etamu.edu.

Note: Personal computer and internet connection problems do not excuse the requirement to complete all course work in a timely and satisfactory manner. Each student needs to have a backup method to deal with these inevitable problems. These methods might include the availability of a backup PC at home or work, the temporary use of a computer at a friend's home, the local library, office service companies, Starbucks, a campus open computer lab, etc.

COMMUNICATION AND SUPPORT

If you have any questions or are having difficulties with the course material, please contact your Instructor.

Technical Support

If you are having technical difficulty with any part of Brightspace, please contact Brightspace Technical Support at 1-877-325-7778. Other support options can be found here:

<https://community.brightspace.com/support/s/contactsupport>

Interaction with Instructor & Peers Statement

This course requires collaboration with both the instructor and your peers. Please come prepared to both instructor conferences and peer conferences with completed drafts and readings both assigned for the class and the drafts of your peers in your partnerships. Provide peer feedback that is thoughtful, kind, specific, and actionable. Receive feedback with appreciation knowing how hard it can be to provide feedback, especially to our peers.

COURSE AND UNIVERSITY PROCEDURES/POLICIES

Course Specific Procedures/Policies

Please make every effort to not fall behind in your coursework. However, late work is accepted until the week of finals for up to 50% credit. Likewise, revisions to graded assignments can also be turned in for up to 50% of the lost credit.

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Syllabus Change Policy

The syllabus is a guide. Circumstances and events, such as student progress, may make it necessary for the instructor to modify the syllabus during the semester. Any changes made to the syllabus will be announced in advance.

University Specific Procedures

Student Conduct

All students enrolled at the University shall follow the tenets of common decency and acceptable behavior conducive to a positive learning environment. The Code of Student Conduct is described in detail in the [Student Guidebook](#).

<http://www.etamu.edu/Admissions/oneStopShop/undergraduateAdmissions/studentGuidebook.aspx>

Students should also consult the Rules of Netiquette for more information regarding how to interact with students in an online forum:

<https://www.britannica.com/topic/netiquette>

ETAMU Attendance

For more information about the attendance policy please visit the [Attendance](#) webpage and [Procedure 13.99.99.R0.01](#).

<http://www.etamu.edu/admissions/registrar/generalInformation/attendance.aspx>

<http://www.etamu.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/13students/academic/13.99.99.R0.01.pdf>

Academic Integrity

Students at East Texas A&M University are expected to maintain high standards of integrity and honesty in all of their scholastic work. For more details and the definition of academic dishonesty see the following procedures:

[Undergraduate Academic Dishonesty 13.99.99.R0.03](#)
[Undergraduate Student Academic Dishonesty Form](#)

<http://www.etamu.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/documents/13.99.99.R0.03UndergraduateStudentAcademicDishonestyForm.pdf>

[Graduate Student Academic Dishonesty Form](#)

<http://www.etamu.edu/academics/graduateschool/faculty/GraduateStudentAcademicDishonestyFormold.pdf>

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<http://www.etamu.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/13students/undergraduates/13.99.99.R0.03UndergraduateAcademicDishonesty.pdf>

Students with Disabilities-- ADA Statement

The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you have a disability requiring an accommodation, please contact:

Office of Student Disability Resources and Services

East Texas A&M University

Velma K. Waters Library Rm 162

Phone (903) 886-5150 or (903) 886-5835

Fax (903) 468-8148

Email: studentdisabilityservices@etamu.edu

Website: [Office of Student Disability Resources and Services](#)

<http://www.etamu.edu/campusLife/campusServices/studentDisabilityResourcesAndServices/>

Nondiscrimination Notice

East Texas A&M University will comply in the classroom, and in online courses, with all federal and state laws prohibiting discrimination and related retaliation on the basis of race, color, religion, sex, national origin, disability, age, genetic information or veteran status. Further, an environment free from discrimination on the basis of sexual orientation, gender identity, or gender expression will be maintained.

Campus Concealed Carry Statement

Texas Senate Bill - 11 (Government Code 411.2031, et al.) authorizes the carrying of a concealed handgun in East Texas A&M University buildings only by persons who have been issued and are in possession of a Texas License to Carry a Handgun. Qualified law enforcement officers or those who are otherwise authorized to carry a concealed handgun in the State of Texas are also permitted to do so. Pursuant to Penal Code (PC) 46.035 and East Texas A&M University Rule 34.06.02.R1, license holders may not carry a concealed handgun in restricted locations.

For a list of locations, please refer to the [Carrying Concealed Handguns On Campus](#) document and/or consult your event organizer.

Web url:

<http://www.etamu.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/34SafetyOfEmployeesAndStudents/34.06.02.R1.pdf>

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Pursuant to PC 46.035, the open carrying of handguns is prohibited on all East Texas A&M University campuses. Report violations to the University Police Department at 903-886-5868 or 9-1-1.

ETAMU Supports Students' Mental Health

The Counseling Center at East Texas A&M University, located in the Halladay Building, Room 203, offers counseling services, educational programming, and connection to community resources for students. Students have 24/7 access to the Counseling Center's crisis assessment services by calling 903-886-5145. For more information regarding Counseling Center events and confidential services, please visit www.etamu.edu/counseling-center

Mental Health and Well-Being

The university aims to provide students with essential knowledge and tools to understand and support mental health. As part of our commitment to your well-being, we offer access to Telus Health, a service available 24/7/365 via chat, phone, or webinar. Scan the QR code to download the app and explore the resources available to you for guidance and support whenever you need it.



Department or Accrediting Agency Required Content

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COURSE OUTLINE / CALENDAR

A calendar with due dates will be provided the first week of classes.

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