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## **EDCI 695: Doctoral Research Methodology**

COURSE SYLLABUS: Summer 2023

### **INSTRUCTOR INFORMATION**

**Instructor:** Dr. Karyn Miller, Ph.D

**Office Hours:** I will be available by appointment.

**University Email Address:** [Karyn.Miller@tamuc.edu](mailto:Karyn.Miller@tamuc.edu)

**Preferred Form of Communication:** Email

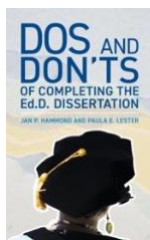
**Communication Response Time:** 48 hours maximum (Monday-Friday)

### **COURSE INFORMATION**

Materials – Textbooks, Readings, Supplementary Readings

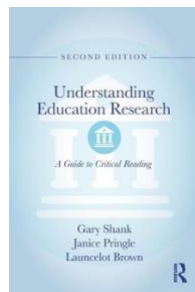
#### **Textbooks Required**

Hammond, J. & Lester, P. (2021). The Dos and Don'ts of Completing the Ed.D. Dissertation. Rowan & Littlefield. ISBN-13: 978-1475850109/ISBN-10: 1475850107.



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Shank, G., Pringle, J., & Brown, L. (2018). *Understanding Research: A Guide to Critical Reading* (2<sup>nd</sup> edition). Routledge. ISBN-13: 978-1138565807/ISBN-10: 1138565806.



### **Other Readings**

Other readings will be made available throughout the semester as needed.

### **Optional Texts and/or Materials**

Publication Manual of the American Psychological Association, Seventh Edition (2020)

## **Course Description**

This course is intended to familiarize doctoral students with basic research concepts and their application in conducting educational research. Further, this course is designed to help doctoral students make some of the decisions for their own research proposals. Because no one research design or methodology is considered best practice, this course places a balanced emphasis on various data collection and analysis techniques. Consequently, students will become familiar with tools with which to determine the best approach for a problem they wish to investigate, the nature of their research objectives, and the constraints of the research problem. Students will broaden their knowledge of how to access, understand, and evaluate research reports. Finally, students will learn the initial steps of drafting a research proposal.

This course will be 100% online.

### **Student Learning Outcomes**

*By the end of this course, students will be able to:*

1. Identify the various components of an effective research study.
2. Distinguish between opinion articles and reports of systematic research.
3. Gain familiarity with a variety of qualitative and quantitative data collection and analysis techniques.
4. Identify a research problem within your field of concentration, to generate appropriate research questions, and to explore the choice of an appropriate methodology and design.
5. Develop a research proposal.

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# **COURSE REQUIREMENTS**

## **Minimal Technical Skills Needed**

Access to a Computer with:

- Internet Access
- Microsoft Word Processing Software
- Microsoft Power Point Software
- Adobe or Foxit Reader to open PDF File

## **Instructional Methods**

This course is 100% online. However, there will be opportunities to engage in real-time Zoom class sessions. Students are expected to complete readings, activities, and assignments before each Zoom meeting. Instructional methods include lectures, small group discussions, and writing assignments.

## **Student Responsibilities or Tips for Success in the Course**

Students are responsible for engaging in their own learning. This includes being aware of and meeting deadlines, checking class emails, asking questions to clarify understanding, and actively participating in course activities.

## **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**

The assignments for the course are listed below along with its weighted value towards the final grade. Specific instructions for each assignment are included in detail in D2L (see assignments for each unit).

- Statement of Research Purpose: 5%
- Annotated bibliography: 5%

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- Research Design: 5%
- Peer Review: 15%
- Research Proposal: 25%
- Article Critiques (6): 30%
- Human Subjects Training: 5%

## **Protection of Human Subjects Training**

### **Collaborative Institutional Training Initiative (CITI)**

Texas A&M University-Commerce requires all individuals conducting/participating in research projects (including faculty, staff, postdocs, research assistants and students, etc.) that involve human subjects to complete training for the Protection of Human Subjects and Responsible Conduct in Research. This requirement is met by the successful completion of the online training module from the Collaborative Institutional Training Initiative (CITI) website. All individuals, principal investigators, co-investigators, post-docs, research assistants, undergraduate and graduate students and all other personnel engaged in research involving human subjects must complete the CITI training modules and quizzes with a minimum score of 80%. Successful completion of the course is required and the course may be repeated as necessary to achieve the 80% score. At the time of completion, a certificate can be printed by the trainee and notification is sent to the Office of Sponsored Programs.

The time to complete the training modules may be 2-4 hours. Individuals may exit and resume the training at any time. Once successfully completed, a refresher course is required every two years. A notification will be sent to you prior to the expiration of your training. At any time, you may return to the training modules and print a certificate.

Beginning January 1, 2010, successful completion of the CITI modules (protection of human subjects and responsible conduct of research) is required before submission of the Institutional Review Board Protocol Form for the Protection of Human Subjects. Protocol forms will be reviewed only after the researcher has completed the CITI training.

**Please follow the steps below to register and begin your training (will be assigned in D2L)**

Visit: <https://www.citiprogram.org/Default.asp>

Click New Users Register Here

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Select Texas A&M University-Commerce as your participating institution Complete the remaining registration form

Select the Learner Group that applies to you:

Biomedical Research Investigators

Social & Behavioral Research Investigators IRB Members

Students conducting no more than minimal risk research Research with data or laboratory specimens- ONLY

**Below are the links to the online training (will be assigned in D2L):**

Protection of Human Subjects <https://about.citiprogram.org/en/series/human-subjects-research-hsr/>

Responsible Conduct in Research <https://about.citiprogram.org/en/series/responsible-conduct-of-research-rcr/>

If you have questions please contact Glenda Denton at 903-886-5766 or Kirsten Shaffer at 903- 886-5143 or email [ResearchCompliance@tamuc.edu](mailto:ResearchCompliance@tamuc.edu).

You are also required to complete the Responsible Conduct of Research module. Please select the appropriate module from the following: Biomedical Responsible Conduct of Research Course

Social and Behavioral Responsible Conduct of Research Course Physical Science Responsible Conduct of Research Course Humanities Responsible Conduct of Research Course

Please contact the Office of Sponsored Programs if you have questions at 903-886-5161.

## **TECHNOLOGY REQUIREMENTS**

### **LMS**

All course sections offered by Texas A&M University-Commerce 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>

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LMS Browser Support:

[https://documentation.brightspace.com/EN/brightspace/requirements/all/browser\\_support.htm](https://documentation.brightspace.com/EN/brightspace/requirements/all/browser_support.htm)

YouSeeU Virtual Classroom Requirements:

<https://support.youseeu.com/hc/en-us/articles/115007031107-Basic-System-Requirements>

## **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@tamuc.edu](mailto:helpdesk@tamuc.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 TAMUC 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 Statement**

You should expect responses to questions and concerns posted in my virtual office or sent by email within 48 hours. In most cases, I respond within 24 hours. Please email me only for personal concerns. Questions

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about the class should be posted in my virtual office for the benefit of the class.

## **COURSE AND UNIVERSITY PROCEDURES/POLICIES**

### **Course Specific Procedures/Policies**

This course allows students to work through each unit at their own pace, prior to the scheduled class meeting. However, all assignments be submitted by the due date. No late work will be accepted after the due date except for in extenuating circumstances. Examples of extenuating circumstances include a verified illness, death in a student's immediate family, and obligation of a student at legal proceedings in fulfilling responsibility as a citizen. Documentation is required to be granted an exception to the late work policy. Make-up work, re-writes, and extra credit are not permitted.

### **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.tamuc.edu/Admissions/oneStopShop/undergraduateAdmissions/studentGuidebook.aspx).  
<http://www.tamuc.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>

### **TAMUC Attendance**

For more information about the attendance policy please visit the [Attendance](http://www.tamuc.edu/admissions/registrar/generalInformation/attendance.aspx) webpage and [Procedure 13.99.99.R0.01](http://www.tamuc.edu/admissions/registrar/generalInformation/attendance.aspx).  
<http://www.tamuc.edu/admissions/registrar/generalInformation/attendance.aspx>  
<http://www.tamuc.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/13students/academic/13.99.99.R0.01.pdf>

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## **Academic Integrity**

Students at Texas A&M University-Commerce 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.tamuc.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/documents/13.99.99.R0.03UndergraduateStudentAcademicDishonestyForm.pdf>

[Graduate Student Academic Dishonesty Form](#)

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

<http://www.tamuc.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**

Texas A&M University-Commerce

Velma K. Waters Library Rm 162

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

Fax (903) 468-8148

Email: [studentdisabilityservices@tamuc.edu](mailto:studentdisabilityservices@tamuc.edu)

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

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

## **Nondiscrimination Notice**

Texas A&M University-Commerce 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.

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## Campus Concealed Carry Statement

Texas Senate Bill - 11 (Government Code 411.2031, et al.) authorizes the carrying of a concealed handgun in Texas A&M University-Commerce 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 A&M-Commerce 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.tamuc.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/34SafetyOfEmployeesAndStudents/34.06.02.R1.pdf>

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

## COURSE CALENDAR

Unit	Dates	Topic
1	Week 1 (June 5-12)	Introduction and Finding a Research Problem
2	Week 2 (June 12-June 19)	Library Skills, Literature Review
3	Week 3 (June 19-June 26)	Research Design\Action Research
4	Week 4 (June 26-July 3)	Quantitative Methods/Qualitative Methods
Final	July 3-July 6	Final Research Proposal Due

\*For a more detailed reading and assignment schedule, see course shell in D2L.

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