



Please, click on the following link to access A&M-Commerce COVID-19 Information, <https://new.tamuc.edu/coronavirus/>

## **EDCI 698.41B**

### **Research: Design and Replication**

COURSE SYLLABUS: SPRING 2022

#### **INSTRUCTOR INFORMATION**

**Instructor:** David L. Brown, PhD

**Office Location:** Education South, 229

**Office Hours:** By Appointment

**Office Phone:** 903-886-5536

**Office Fax:** 903-886-5581

**University Email Address:** [David.Brown@tamuc.edu](mailto:David.Brown@tamuc.edu)

**Preferred Form of Communication:** Email

**Communication Response Time:** 24 - 48 Hours (Monday thru Friday)

#### **COURSE INFORMATION**

Materials – Textbooks, Readings, Supplementary Readings

#### **Class Meeting Information (exact dates available on Page 12):**

Every other Wednesday – **First class meets February 2, 2022**

4:30 pm to 10:00 pm

#### **Textbook(s) Required**

Creswell, John W. & Creswell, J. David (2018) "Research Design: Qualitative, Quantitative, and Mixed Methods Approaches" (5<sup>th</sup> Edition). SAGE Publications, ISBN # 978-1506386706

## Course Description

Examination of research designs related to curriculum and instruction including: survey research, quantitative content analysis, correlational research, true experimental research, quasi-experimental research, pre-experimental research, single-subject research/behavior analysis, causal-comparative research, program evaluation, qualitative research, combined qualitative/quantitative research, and meta-analysis. Coursework includes creation of a sophisticated research design appropriate for a doctoral dissertation.

### Prerequisites:

Doctoral level standing and **completion** of all Tools courses (1-4)

### Student Learning Outcomes

1. Students will identify, analyze, and critique the designs and methods used in previous research studies. Further, students will explain how multiple research designs can be used to study their own topic.
2. Students will become experts in a specific aspect of research design/methods and serve as a reading and discussion facilitator for that aspect.
3. Students will become familiar with the dissertation process and complete a mock dissertation defense.
4. Students will design, review, and document progress in the development of an informal research proposal (matrix), a formal research proposal (dissertation), and an Institutional Review Board (IRB) protocol.
5. Students will continue to read research journals in order to grow the reference section. Student will create a bibliography and a short reflective summary of the article in folder.
6. Students will continue to work on residency requirements, document progress and share that progress with the class.
7. Students will self-evaluate knowledge gained in the course and personal/professional growth from a metacognitive perspective.

# COURSE REQUIREMENTS

## Minimal Technical Skills Needed

This is not an Online Course but some technological resources will be required.

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

## Instructional Methods

### Methods of Instruction:

This course is made up of a series of assignments and assessments to assist you in achieving the course and module learning objectives. Each day you will work on various combinations of assignments, activities, research, and projects.

**Preparation, Participation, Knowledge, and Professionalism:** Check your Leo email (or other listed 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 Texas A&M University-Commerce Student Guidebook) may result in removal from class or lowering of your final grade. Plagiarism may result in dismissal from the doctoral program.

## Course Assignments

1. **(100 pts.) Chapter Presentations:** Each student will select chapters from the textbook and create a PowerPoint presentation. The student will provide copies to each class member during the presentation. The presentation should include appropriate visuals to enhance our understanding of the key ideas and should engage the audience in their understanding of the implications for classroom practice. All information may come from the chapters and may be obtained from other sources as well. The presentation should be approximately 30 minutes.

2. **(100 pts.) Doctoral Dissertation Matrix:** Students will complete the Doctoral Dissertation Matrix that will be provided by the instructor and share with other students in class. The final matrix will be submitted to the instructor.
3. **(100 pts.) Draft of Dissertation Proposal:** Students will complete a draft of the dissertation proposal using the doctoral dissertation template. The template can be found on the Graduate School website.
4. **(75 pts.) PowerPoint Presentation of Proposal:** Students will conduct a PowerPoint presentation of their dissertation proposal in class. The PowerPoint will discuss background of study, review of the literature, research questions, research design, methodology, findings, and conclusions.
5. **(25 pts.) Final Written Self-Evaluation:** Prepare a final written evaluation that addresses each student learning outcome, evaluates each requirement, and suggests a final grade for the course. Students will reflect on several questions regarding their experiences in the course and the impact of course assignments on their understanding of the fundamentals of conducting educational research.

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

Each of you are expected to participate fully in assigned readings related to course topics, chapter presentations, discussions of current articles, and presentations of math science lessons. Your active and thoughtful participation is expected in course assignments. Regular attendance is necessary and will be expected of all students.

## GRADING

<b>Activities</b>	<b>Points</b>
Chapter Presentations	<b>100</b>
Doctoral Dissertation Matrix	<b>100</b>
Draft of Dissertation Proposal	<b>100</b>
PowerPoint Presentation of Proposal	<b>75</b>
Final Written Self-Evaluation	<b>25</b>
<b>Total Points</b>	<b>400</b>

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

Total points corresponding to the final letter grades:

A = 451- 500 Points

B = 401- 450 Points

C = 351- 400 Points

D = 301- 350 Points

F = 300 & > Points

## Assessments

Information on how assignments are related to the course outcomes and how they are assessed can be found in the course assignment section.

## 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>

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

My aim is to be in quick communication with you. I do respond to text and email quickly. If you have not heard from me within two day time frame, please text or email again. I might have missed the communication or it did not come through. If you need to call me to discuss an issue, please feel free to call the number of the syllabus.

Correspondingly, I will make every effort to grade papers in a timely fashion. You will notice that I have given you several weeks to complete the quizzes, discussions and assignments for a set of chapters. This will allow you to go into depth on a topic you may be interested in researching further and not feel challenged to get an assignment done by just “skimming the surface” within a week’s time. Therefore, please note it will take me time to grade the large amount of assignments that are submitted. My goal is to have your grades posted by the due date of the next set of assignments.

## COURSE AND UNIVERSITY PROCEDURES/POLICIES

### Course Specific Procedures/Policies

**Assignment Due Dates:** Assignments are due on specific dates, as assigned. Assignments will be accepted after the due date with the exception of major projects. However, a 10-point deduction will be applied to assignments that are 1 day late, and an additional 5 points for each day thereafter.

Materials from the course will not always be found in your text. Typically, you will be expected to read 1 to 3 chapters per week. It is advised that you do not wait until the night before to start the reading material. It is recommended that you stay current with chapter readings, and read the assigned chapter/s in a timely manner.

Please understand that you should not come to me at the end of the semester, unhappy with your grade, asking for a way to change it. Grades will not be changed.

**Written Assignments:** All assignments must be typed in legible (preferably Times Roman) 12 point font. College level writing is expected. If you feel insecure about your writing abilities you may want to seek assistance from the writing lab in the department of literature and languages. They will not assist with spelling. Please make sure someone proofs your paper. Excessive grammar, spelling and vocabulary errors will result in a lower grade. You should demonstrate mastery of organizing, structure and editing. **All assignments should be written using the APA Style Manual, Version 7.**

**Citizenship:** All Students enrolled at the University shall follow the tenets of common decency and acceptable behavior conducive to a positive learning environment. (See Student 92s Guide Handbook, Policies and Procedures, Conduct).

**Student Conduct:** You are expected to demonstrate a professional attitude at all times. This includes respecting the thoughts of your peers as well as your instructor.

Also included is the following: participating in small and large group discussions, being on time, staying the entire time, accepting constructive criticism, listening, turning in high quality work, and understanding that this is a growth experience. Students who come into class expecting an A need to rethink their reason for being here. If you want an A, then you will work to earn the A.

Discriminatory, rude, and inappropriate language will not be tolerated and students will be asked to drop the class. If a student continues to act in the same manner during future classes, the instructor reserves the right to drop the student from the course.

**Plagiarism:** Plagiarism **WILL NOT** be tolerated and will result in an automatic **F** in the course. Various versions of your work and final papers will be run through Turnitin software – this is not meant to “catch” you in the act, but rather assist you in seeing possible areas that may be unintentionally plagiarized and allow for editing your work.

Academic integrity is the pursuit of scholarly work free from fraud and deception and is an educational objective of this institution.

Texas A&M University-Commerce has explicit rules and regulations governing academic dishonesty and academic misconduct. As the University states, “All students enrolled at the University shall follow the tenets of common decency and acceptable behavior conducive to a positive learning environment.” These policies are stated in detail in the Student’s Guide Handbook. Each student is expected to read this document and abide by the contained policies. These university policies will be followed in this class. The minimum penalty for an act of academic dishonesty will be the assignment grade of 0 or F on the assignment. The maximum penalty is expulsion from the University.

Texas A&M University-Commerce further does not tolerate **plagiarism** and other forms of academic **dishonesty**. Conduct that violates generally accepted standards of academic honesty is defined as academic dishonesty. "Academic dishonesty" includes, but is not limited to, plagiarism (the appropriation or stealing of the ideas or words of another and passing them off as one's own), cheating on exams or other course assignments, collusion (the unauthorized collaboration with others in preparing course assignments), and abuse (destruction, defacing, or removal) of resource material.

If you are unsure what constitutes plagiarism and how to avoid it. Visit the following websites:

<http://www.plagiarism.org/>

<http://writingcenter.unc.edu>

<http://www.plagiarism.iu.edu>

**Scholarly Expectations:** All works submitted for credit must be original works created by the scholar uniquely for the class. It is considered inappropriate and unethical, particularly at the graduate level, to make duplicate submissions of a single work for credit in multiple classes, unless specifically requested by the instructor. Work submitted at the graduate level is expected to demonstrate higher-order thinking skills and be of significantly higher quality than work produced at the undergraduate level.



## **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>

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](#) webpage and [Procedure 13.99.99.R0.01](#).

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

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

### **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.

## **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.

## **A&M-Commerce Supports Students' Mental Health**

The Counseling Center at A&M-Commerce, 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.tamuc.edu/counsel](http://www.tamuc.edu/counsel)

## COURSE OUTLINE / CALENDAR

### Class Meetings:

<b>Feb 02</b>	<b>Wednesday</b>	<b>4:30 PM – 10:00 PM</b>
<b>Feb 16</b>	<b>Wednesday</b>	<b>4:30 PM – 10:00 PM</b>
<b>Mar 02</b>	<b>Wednesday</b>	<b>4:30 PM – 10:00 PM</b>
<b>Mar 30</b>	<b>Wednesday</b>	<b>4:30 PM – 10:00 PM</b>
<b>Apr 13</b>	<b>Wednesday</b>	<b>4:30 PM – 10:00 PM</b>
<b>Apr 27</b>	<b>Wednesday</b>	<b>4:30 PM – 10:00 PM</b>
<b>May 11</b>	<b>Wednesday</b>	<b>4:30 PM – 10:00 PM</b>