

Instructor/TA Info

Instructor Information

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Course Information

Description

The purpose of this course is to help professionals and researchers acquire the knowledge and skills necessary to conduct single-case experimental research in the behavioral sciences and in education. Concepts and practices integral to data based decision-making and action research will be addressed. Academic activities include (a) reading course material and (b) participating in weekly discussions, (c) completing weekly quizzes, (d) completing specific assignments preparatory to conducting research, (e) writing a research proposal related to the study of independent and dependent variables within a single-case design.

Prerequisites

Admission to a graduate program in the Department of Counseling Psychology and Special Education or approval of the instructor.

Materials

Item	Price (new)	Price (used)
 <u>Single-Case Designs For Educational Research - Required</u> by Kennedy, C	106.70	80.00

Learning Outcomes

Overview

The goal of this course is to provide teachers and researchers with the knowledge and skills required to conduct applied educational research and classroom-based research; and to be educated consumers of research. The educator-researcher is an important type of professional. Action research and data-based decision making are still relatively new in schools, but single subject research can provide the new methodology. Educational practice must become more data-based. There is a need for empirical verification of instruction and other practices. The course is designed to help teachers and other professional interventionists to document pupil change and causal methods.

Grading Scale

Grades	Percent
A	95%

B+	87%
B	84%
B-	80%
C+	77%
C	74%
C-	70%
D+	67%
D	64%
D-	60%
E	0%

Grading Policy

Due to the nature of the course content, no late discussions or make-up quizzes are allowed. Late projects will be allowed, but will receive a 10% deduction per day late up to one week. After one week assignments can not be turned in for credit. The final exam must be completed on time to receive credit.

Participation Policy

Participation is extremely important in this class. You can participate by attending class, contributing to the discussions, and asking questions. Please be respectful of others' points of view. Feel free to ask your instructor challenging questions.

Attendance Policy

Please attend class. Attending class will help you participate in discussions.

Classroom Procedures

We will start class with a prayer.

Assignments

Assignment Descriptions

Quiz 1

Jun
28

Due: Friday, Jun 28 at 9:00 am

Quiz 2

Jul
01

Due: Monday, Jul 01 at 9:00 am

Quiz 3

Jul
03

Due: Wednesday, Jul 03 at 9:00 am

Jul
09

Due: Tuesday, Jul 09 at 11:59 pm

Quiz 5

Jul
10

Due: Wednesday, Jul 10 at 9:00 am

Quiz 6

Jul
15

Due: Monday, Jul 15 at 9:00 am

Quiz 7

Jul
17

Due: Wednesday, Jul 17 at 9:00 am

Midterm

Jul
17

Due: Wednesday, Jul 17 at 11:59 pm

Completed Online

Quiz 8

Jul
22

Due: Monday, Jul 22 at 9:00 am

Quiz 9

Jul
24

Due: Wednesday, Jul 24 at 9:00 am

Quiz 10

Jul
29

Due: Monday, Jul 29 at 9:00 am

Quiz 11

Jul
31

Due: Wednesday, Jul 31 at 9:00 am

Quiz 12

Aug
05

Due: Monday, Aug 05 at 9:00 am

Aug
07

Due: Wednesday, Aug 07 at 9:00 am

Quiz 14**Aug**
12

Due: Monday, Aug 12 at 9:00 am

Final Paper**Aug**
12

Due: Monday, Aug 12 at 11:59 pm

You will continue your literature review from last term by writing a method section.

This will include the following elements:

- 1) Participant description
- 2) Measures
- 3) Procedures
- 4) Design
- 5) Data analysis plan
- 6) A graph of hypothetical results.

Final Exam**Aug**
14

Due: Wednesday, Aug 14 at 10:50 am

Completed Online

Point Breakdown

Categories	Percent of Grade
Exams	52.08%
Quizzes	21.88%
Final Paper	26.04%

University Policies**Honor Code**

In keeping with the principles of the BYU Honor Code, students are expected to be honest in all of their academic work. Academic honesty means, most fundamentally, that any work you present as your own must in fact be your own work and not that of another. Violations of this principle may result in a failing grade in the course and additional disciplinary action by the university. Students are also expected to adhere to the Dress and Grooming Standards. Adherence demonstrates respect for yourself and others and ensures an effective learning and working environment. It is the university's expectation, and every instructor's expectation in class, that each student will abide by all Honor Code standards. Please call the Honor Code Office at 422-2847 if you have questions about those standards.

Preventing Sexual Misconduct

In accordance with Title IX of the Education Amendments of 1972, Brigham Young University prohibits unlawful sex discrimination against any participant in its education programs or activities. The university also prohibits sexual harassment-including sexual violence-committed by or against students, university employees, and

University policy requires all university employees in a teaching, managerial, or supervisory role to report all incidents of Sexual Misconduct that come to their attention in any way, including but not limited to face-to-face conversations, a written class assignment or paper, class discussion, email, text, or social media post. Incidents of Sexual Misconduct should be reported to the Title IX Coordinator at t9coordinator@byu.edu or (801) 422-8692. Reports may also be submitted through EthicsPoint at <https://titleix.byu.edu/report> (<https://titleix.byu.edu/report>) or 1-888-238-1062 (24-hours a day).

BYU offers confidential resources for those affected by Sexual Misconduct, including the university's Victim Advocate, as well as a number of non-confidential resources and services that may be helpful. Additional information about Title IX, the university's Sexual Misconduct Policy, reporting requirements, and resources can be found at <http://titleix.byu.edu> (<http://titleix.byu.edu>) or by contacting the university's Title IX Coordinator.

Student Disability

Brigham Young University is committed to providing a working and learning atmosphere that reasonably accommodates qualified persons with disabilities. If you have any disability which may impair your ability to complete this course successfully, please contact the University Accessibility Center (UAC), 2170 WSC or 422-2767. Reasonable academic accommodations are reviewed for all students who have qualified, documented disabilities. The UAC can also assess students for learning, attention, and emotional concerns. Services are coordinated with the student and instructor by the UAC. If you need assistance or if you feel you have been unlawfully discriminated against on the basis of disability, you may seek resolution through established grievance policy and procedures by contacting the Equal Employment Office at 422-5895, D-285 ASB.

Schedule

Date	Column 1	Topic and Readings
Week 1		
M Jun 24 Monday	Quiz 1 Opens	Introduction to Single Case Research Kennedy 1-2 Baer, Wolf, & Risley 1968 Skinner, 1981 - How to Discover What you Have to Say Paper milestone: Be prepared to tell class your paper topic.
W Jun 26 Wednesday	Quiz 2 Opens	Functional Relations and Replication Kennedy 3-4 Kratochwill et al., 2010, Read entire document including appendix. Paper milestone: Define your topic.
F Jun 28 Friday	Quiz 1 Closes	
Week 2		
M Jul 01 Monday	Quiz 2 Closes Quiz 3 Opens	Research Questions Kennedy 5 Paper milestone: Write two research questions related to your topic

W Jul 03 Wednesday	Quiz 3 Closes Quiz 4 Opens	No class. You will complete a learning module.
Week 3		
M Jul 08 Monday	Quiz 5 Opens	
T Jul 09 Tuesday	Quiz 4 Closes	
W Jul 10 Wednesday	Quiz 5 Closes Quiz 6 Opens	Interobserver Agreement and ABAB Designs Kennedy 8-9
Week 4		
M Jul 15 Monday	Quiz 6 Closes Quiz 7 Opens	Multielement and Multiple Baseline Designs Kennedy 10-11
W Jul 17 Wednesday	Midterm Quiz 7 Closes Quiz 8 Opens	Kennedy 12-13 Repeated Acquisition Designs & Brief Experimental Designs
Week 5		
M Jul 22 Monday	Quiz 8 Closes Quiz 9 Opens	Combined Designs & Design Summary Kennedy 14
W Jul 24 Wednesday	Pioneer Day Quiz 9 Closes Quiz 10 Opens	Visual Analysis Kennedy 15
Week 6		
M Jul 29 Monday	Quiz 10 Closes Quiz 11 Opens	Social Validity Kennedy 16
W Jul 31 Wednesday	Quiz 11 Closes Quiz 12 Opens	
Week 7		
M Aug 05 Monday	Quiz 12 Closes Quiz 13 Opens	
W Aug 07 Wednesday	Quiz 13 Closes Quiz 14 Opens	
Week 8		
M Aug 12 Monday	Final Paper Quiz 14 Closes	
T Aug 13 Tuesday	Summer Exam Preparation (08/13/2019 - 08/13/2019)	

W Aug 14 Wednesday

**First Day of Summer Final Exams
(08/14/2019 - 08/15/2019)**

Final Exam:

341 MCKB

9:00am - 10:50am

Final Exam