

LEWIS & CLARK COLLEGE

COURSE OUTLINE

DEPARTMENT: Counseling Psychology

COURSE NUMBER: CPSY 535, Fall 2009

CREDITS: 3

COURSE TITLE: Research Methods in Counseling

INSTRUCTOR: Daniel Munoz, PhD

ROOM: SCON Rm 101; 5:30 pm – 8:45 pm

TO SCHEDULE AN APPOINTMENT: call or e-mail

OFFICE PHONE: 312-206-9137 (cell)

E-MAIL: doctordanmunoz@gmail.com

FAX:

Students needing an accommodation should immediately inform the course instructor. Students are referred to Disability Services to document their disability and to provide support services when appropriate.

COURSE OBJECTIVES - To provide opportunities to learn and practice the skills necessary to critically think about and analyze published research. Emphasis will be on the identification and definition of the various components of the research process including hypothesis, sampling, operationalization of variables, design, data analysis and conclusions.

Specific Objectives

1. To develop a basic understanding of what research is and why it is important.
2. To recognize the different types of research methods.
3. To provide a basic understanding and knowledge of program evaluation.
4. To provide a basic understanding and knowledge of applicable research ethics.
5. To provide a basic working knowledge of the design components of a research model, to include:
 - a. Hypothesis and mission

- b. Project planning
- c. Design principles
- d. Data collection
- e. Data analysis
- f. Inferences and reporting

6. To provide a basic understanding and ability to question and critically evaluate current research in counseling.

7. To provide a basic understanding and knowledge of online searching for research by specific categories.

8. To provide an awareness and knowledge of the paradoxes often found in research.

9. To have a working knowledge of APA format based upon the most recent APA Manual.

OUTCOMES

This course will help participants:

1. Dispel misconceptions about the various aspects of research.
2. Develop a theoretical, working knowledge of research methods.
3. Obtain information useful in both current and future careers regarding program evaluation.
4. Critically read and evaluate a piece of research as an integral part of professional growth and development.

REQUIRED TEXT

Hock, R. R. (2009). *Forty studies that changed psychology (6th ed.)*. Upper Saddle River, NJ: Pearson Prentice-Hall.

Kazdin, A. (2003) *Research Design in Clinical Psychology, Fourth Edition*, Allyn & Bacon, MA.

Additional readings are indicated in the syllabus and are available online through the L&C library. The Instructor reserves the right to assign readings not presently on the syllabus that may arise during

the course of the semester.

Evaluation:

Class participation and assignments will comprise **20%** of your grade. This will include brief reaction papers, assignments and article reviews that will be assigned during the course of the semester. In addition, all students will be required to complete online training for doing research with human subjects and provide your instructor with a copy of your completion prior to the end of the semester. This will be worth **10%**. There will also be 4 quizzes during the course of the semester comprising **40%** of your grade. These will be multiple choice and short answer questions covering materials covered in class, assigned readings and discussions. A group project demonstrating your ability to develop a research project, justify the importance of your idea and articulate a rationale for your design and evaluation procedures will be worth **30%**. While your grade on assignments will be predominantly based on your ability to accurately and concisely articulate the required task, as all of you are advanced graduate students the grammar, language, construction and style of your writing will also be evaluated. Relying on a spelling/grammar check in Word is not adequate to demonstrate the care that you are expected to showcase in your written product. Furthermore, attention will be paid to appropriate APA-style and citation.

Class Schedule - Fall 2009

Week	Topic	Required Reading/Assignments
		Kazdin (p. 1-17)
		Brewerton, T. D., Dansky, B. S., Kilpatrick, D. G., & O'Neil, P. M. (2000). Which comes first in the pathogenesis of bulimia nervosa: Dieting or bingeing? <i>International Journal of Eating Disorders, 28, 259-264.</i>
1-11-2010	Introductions; Overview of Research; Using Electronic Databases; Reading Research	Presnell, K., & Stice, E. (2003). An experimental test of the effect of weight-loss dieting on bulimic pathology: Tipping the scales in a

different direction.
Journal of
Abnormal Psychology,
112, 166-170.

Assignment #1: (in class)
PsycInfo Assignment

Assignment #2: Discuss the
findings of the Brewerton
and Presnell studies;
compare and comment on
the contrast between the 2
studies

1-18-2010	MLK Holiday NO CLASS	
1-25-2010	Developing Research Ideas	Kazdin(p.110-146)
2-1-2010	Reliability , Validity, Generalizability	Kazdin (22-108) Hock (#22; 35)
2-8-2010	Research Designs-Experimental	Quiz #1 Kazdin (148-181)
2-15-2010	Research Designs- Experimental II	Kazdin (184-211)
2-22-2010	Research Design—Observational Designs	Kazdin (233-263)
3-1-2010	Research Design- Single Subject & Case Study	Kazdin (265-298) Hock (#10)
3-8-2010	Qualitative Research	Quiz #2 Kazdin (328-353) Kazdin (p.355-434) Hock (#33)
3-15-2010	Assessment & Evaluation Methods	Adams, H. E., Wright, L. W., & Lohr, B. A. (1996). Is homophobia associated with homosexual arousal? <i>Journal of Abnormal</i> <i>Psychology, 105, 440-</i>

445.

3-22-2010 SPRING BREAK NO CLASSES

3-29-2010 Statistical Methods & Data Evaluation

Quiz #3

Kazdin (436-495)

Kazdin (p. 497-542)

Hock (Reading #37; 40)

4-5-2020 Ethics in Research

**Ponton & Duba (2009).
The ACA code of ethics:
Articulating counseling's
professional covenant.
*Journal of Counseling
and Development, 87,*
117-124.**

4/12/2010 Putting it all together (Writing for
theses, publications, grant writing)

Kazdin (p 545-559)

Quiz #4

4/19/2010 Group Presentations

4/26/2010 Group Presentations

CPSY 535 – Group Project

Your group project will consist of a group oral presentation of a research plan, a description of a proposed study designed to investigate a particular problem. The problem to be investigated is to be of the group's choosing. You may assume that you have unlimited funds to conduct your study. Have fun.

The only *written requirement* for the project is a Bibliography of sources used to investigate the problem and design the study.

Your grade will be partially determined by your inclusion and discussion of the following elements of the plan:

I. Introduction

Statement of the Problem
Review of Related Literature
Statement of Hypotheses

II. Method

Subjects
Instruments
Design
Procedure

III. Data Analysis

What particular statistical techniques are planned to be used?

IV. Time Schedule

V. Budget

Upon completion of your group presentation others in the class will provide anonymous written critiques. They will not be part of your grade, but are meant to be an aide.