

**Lewis & Clark College**  
**Professional Mental Health Counseling & Professional Mental Health**  
**Counseling – Specialization in Addictions**  
**MHC 535/ CPSY 538**  
**Research Methods in Counseling / Advanced Research Methods**  
**Syllabus Cover Sheet**  
**(Updated 2.15.2017)**

Required Objectives:

Professional Counseling Identity (CACREP 2016 Standards)

- 7g. statistical concepts, including scales of measurement, measures of central tendency, indices of variability, shapes and types of distributions, and correlations.
- 8a. the importance of research in advancing the counseling profession, including how to critique research to inform counseling practice.
- 8b. identification of evidence-based counseling practices
- 8c. needs assessments
- 8e. evaluation of counseling interventions and programs
- 8f. qualitative, quantitative and mixed research methods
- 8g. designs used in research and program evaluation
- 8h. statistical methods used in conducting research and program evaluation
- 8i. analysis and use of data in counseling
- 8j. ethical and culturally relevant strategies for conducting, interpreting, and reporting the results of research and/or program evaluation

**Key Required Assignments/Student Learning Outcomes**

These assignments are required for the course, but **will not be the only requirements/expectations**. The chart below lists the assignment, method of submission, and benchmark score/grade. These assignments are set up for upload to Taskstream and/or instructor provides rating for assignment. See syllabus for details.

	Proficient (A)	Benchmark (B)	Emerging (C)	Inadequate/Fail	As evidenced by:	Program Objective
<b>Goal</b>						

Students summarize and critique research relevant to counseling, addictions, and/or clinical mental health		Met expectations		Did not meet expectations	MHC 535: Article Summaries	9. Research and Assessment (2 of 7)
	Proficient (A)	Benchmark (B)	Emerging (C)	Inadequate/Fail	As evidenced by:	Program Objective
<b>Goal</b>						
Students summarize and critique research relevant to counseling, addictions, and/or clinical mental health	90-100% Assignment scores	80% -89% Assignment scores	70% -79 Assignment scores		MHC 535: Qualitative Article Critique	9. Research and Assessment (2 of 7)
	Proficient (A)	Benchmark (B)	Emerging (C)	Inadequate/Fail	As evidenced by:	Program Objective
<b>Goal</b>						
Students summarize and critique research relevant to counseling, addictions, and/or clinical mental health	90-100% Assignment scores	80% -89% Assignment scores	70% -79 Assignment scores		MHC 535: Quantitative Article Critique	9. Research and Assessment (2 of 7)

	Proficient (A)	Benchmark (B)	Emerging (C)	Inadequate/Fail	As evidenced by:	Program Objective
<b>Goal</b>						
Students understand models and methods of program evaluation	90-100% Assignment scores	80% -89% Assignment scores	70% -79 Assignment scores		MHC 535: Program Evaluation Article Summary/Review	9. Research and Assessment (3 of 7)

	Proficient (A)	Benchmark (B)	Emerging (C)	Inadequate/Fail	As evidenced by:	Program Objective
<b>Goal</b>						
Demonstrates an understanding of various	90-100% Assignment scores	80% -89% Assignment scores	70% -79 Assignment scores		MHC 535: Group Project: Development	9. Research and Assessment (4 of 7)

types and designs of research relevant to counseling.					of a hypothetical mixed methods research proposal	
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Methods of Instruction for this Course

<b>Instruction Method</b>	<b>Mark All That Apply</b>
Lecture	X
Small Group Discussion	X
Large Group Discussion	X
Course Readings	X
Group Presentation	X
Individual Presentation	
DVD/Video Presentation	
Supervised Small Group Work	
Individual/Triadic Supervision	
Group Supervision	
Case Study	
Debate	
Class Visitor / Guest Lecturer	
Off-Campus / Field Visit	
Other:	

# LEWIS & CLARK COLLEGE

## COURSE OUTLINE

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### **MHC 535 - SECTION 02** **RESEARCH METHODS & STATISTICS I**

Spring Semester 2020

Tuesday 5:30PM - 8:45PM

**Credits: 3**

**Prerequisites: None**

*“If we knew what it was we were doing, it would not be called  
research, would it?” - Albert Einstein*

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### **INSTRUCTOR**

**Heidi Baldwin**

**hbaldwin@lclark.edu**

Office Hours TBD

To Schedule an Appointment: Contact via email

### **COURSE DESCRIPTION**

This course covers the essential concepts related to research design and methodology that practitioners need to become critical evaluators of research and prepare for conducting research in their practices. Focus is on understanding each component of the research process, qualitative and quantitative designs, program evaluation, measurement issues, and data analysis.

### **REQUIRED TEXT**

Patten, M. L. (2009). *Understanding research methods (7th ed.)*. Glendale, CA: Pyrczak Publishing.

Pyrczak, F. (2008). *Evaluating research in academic journals (4th ed.)*. Glendale, CA: Pyrczak Publishing.

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

### **Course Evaluation and Grading**

Your course grade will be evaluated based of the following modes of assessment:

**1. Completion of all required readings and active participation in class discussions (100 points)**

All assigned readings must be completed in advance of the class in which they are to be discussed. Every student is responsible for coming to class prepared to participate in a meaningful discussion. Classroom discussions are opportunities to bring up questions about the assigned readings, further your understanding of research and integrate course material into your clinical practice.

**2. Homework (50 points- 10 each)**

A total of five homework assignments will be assigned. Homework will be posted on Moodle the week before it is due. See schedule below for due dates for each assignment.

Homework should be double-spaced and in Times New Roman font.

**3. Article Critique (150 points- 50 each)**

There will be three article critiques due during the course of the semester. The first will focus on an article about program evaluation. The second will focus on a qualitative article. The third will focus on a quantitative article. All article critiques should be done in APA format. A more detailed explanation of the assignment will be posted on Moodle.

**4. Group Project (100 points)**

Your group project will consist of a group presentation and written description of a hypothetical mixed methods research proposal. The research problem to be investigated is to be of the group's choosing. A more detailed explanation of the assignment will be posted on Moodle.

## Overview of Assignments

Class Participation	100 pts
Homework (5)	50 pts
Article Critique (3)	150 pts
Group Project	100 pts
Total	400 pts

## Final Grades

- A = 93-100%
- A- = 90-92%
- B + = 88-89
- B = 83-87
- B- = 80-82
- C+ = 78-79
- C = 73-77
- C- = 70-72

**Late papers and assignments:** Any assignments turned in late (without previous permission) will automatically receive a 10% reduction in grade.

**Attendance requirements:** Class attendance is expected and required. Any missed class time will be made up by completing extra assignments designed by the instructor. Missing more than ten percent of class time may result in failure to complete the class. This would be 4.5 hours of a 45 hour class (3 credits).

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*In case of extreme hardship and also at the discretion of the instructor, a grade of incomplete may be given for an assignment or the entire course. In such cases, the work to be submitted in order to remove the incomplete must be documented appropriately and stated deadlines met. Students are expected to be on time to class and tardiness may be seen as an absence that requires make-up work.*

## TENTATIVE SCHEDULE

*This schedule is subject to change as needed in accordance with the pace of the course, by the discretion of your instructor.*

Week	Date	Topic	Readings Due (read before class)	Assignments Due
1	Jan 12	Class introduction and APA review	None	None
2	Jan 19	Bias in research and the applications of critique	<i>Understanding Research Methods:</i> Part 1, skip sections 4 and 8  Pages: 5-37	None
3	Jan 26	Reading and reviewing research literature  In class activity: peer review of Article Critique 1	<i>Understanding Research Methods:</i> Part 2, skip sections 14 and 18  Part 10  Pages: 40-67, 281 - 307	Article Critique 1 - rough draft due in class  Final draft due - Sat. Jan 30 (via Moodle by 11:59pm)
4	Feb 2	Quantitative, qualitative, and mixed research methods	<i>Understanding Research Methods:</i> Part 3, skip sections 21-23  Part 6  Pages 70 - 86, 160 - 179	HW 1

5	Feb 9	Research sampling and real-life populations	<i>Understanding Research Methods:</i> Part 4, skip sections 26, 31, and 34  Pages 88 - 18	HW 2
6	Feb 16	Measurements and program evaluation	<i>Understanding Research Methods:</i>  Part 5  Pages 122 - 156	HW 3
7	Feb 23	Experimental design  In class activity: peer discussion of Article Critique 2	<i>Understanding Research Methods:</i>  Part 7  Pages 182 - 199	Article Critique 2
8	Mar 2	Statistical Analysis: Application and evaluation	<i>Understanding Research Methods:</i>  Part 9  Pages 260 - 277	HW 4
9	Mar 9	Interviewing and data collection	<i>Understanding Research Methods:</i>  Part 8  Pages 202 - 257	Article Critique 3
10	Mar 16	Statistical analysis: Tools	Finish Part 8	HW 5



		and Interpretation		
11	Mar 23	Spring Break- No classes	TBD	Enjoy your break!
12	Mar 30	In class activity: peer review of group project documentation	None	None
13	Apr 6	Group project presentations, part 1	TBD	None
14	April 13	Group project presentations, part 2	None	Final Group Project Design Documentation
15	April 20	Class review	None	Last day to submit late assignments