

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. See syllabus for details.

| | Proficient (A) | Benchmark (B) | Emerging (C) | Inadequate/Fail | As evidenced by: | Program Objective |
|--|----------------|------------------|--------------|---------------------------|----------------------------|-------------------------------------|
| Goal | | | | | | |
| Students summarize and critique research relevant to counseling, | | Met expectations | | Did not meet expectations | MHC 535: Article Summaries | 9. Research and Assessment (2 of 7) |

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|--|---------------------------|----------------------------|---------------------------|-----------------|--|-------------------------------------|
| addictions, and/or clinical mental health | | | | | | |
| | Proficient (A) | Benchmark (B) | Emerging (C) | Inadequate/Fail | As evidenced by: | Program Objective |
| Goal | | | | | | |
| 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 |
| Goal | | | | | | |
| 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) |

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|--|---------------------------|----------------------------|---------------------------|-----------------|--|-------------------------------------|
| | Proficient (A) | Benchmark (B) | Emerging (C) | Inadequate/Fail | As evidenced by: | Program Objective |
| Goal | | | | | | |
| 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) |

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|--|---------------------------|----------------------------|---------------------------|-----------------|---|-------------------------------------|
| | Proficient (A) | Benchmark (B) | Emerging (C) | Inadequate/Fail | As evidenced by: | Program Objective |
| Goal | | | | | | |
| Demonstrates an understanding of various types and designs of research relevant to counseling. | 90-100% Assignment scores | 80% -89% Assignment scores | 70% -79 Assignment scores | | MHC 535: Group Project: Development of a hypothetical mixed methods | 9. Research and Assessment (4 of 7) |

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|--|--|--|--|--|-------------------|--|
| | | | | | research proposal | |
|--|--|--|--|--|-------------------|--|

Methods of Instruction for this Course

| Instruction Method | Mark All That Apply |
|--------------------------------|----------------------------|
| 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 | X |
| Individual/Triadic Supervision | |
| Group Supervision | |
| Case Study | |
| Debate | |
| Class Visitor / Guest Lecturer | X |
| Off-Campus / Field Visit | |
| Other: | |
| | |
| | |

LEWIS & CLARK COLLEGE

COURSE OUTLINE

MHC 535 - SECTION 01 **RESEARCH METHODS IN COUNSELING**

Spring Semester 2022

Tuesday 1:00PM - 4:15PM, York Graduate Center, Room 101

Credits: 3

Prerequisites: None

American folklorist Zora Neale Hurston wrote that “Research is formalized curiosity. It is poking and prying with a purpose.” The real question isn’t whether you do research or not, but whether you engage the world you serve with purpose, rigor, and intent.

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 to 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 TEXTS

Patten, M. L., & Newhart, M. (2017). *Understanding Research Methods* (10th Edition). Taylor & Francis.

Pyrzczak, F., & Tcherni-Buzzeo, M. (2018). *Evaluating Research in Academic Journals* (7th Edition). Taylor & Francis.

ACCOMODATIONS

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 & 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/group activities (100 points)

All assigned readings and topic review questions 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 meaningful discussion and group activities. Classroom discussions and activities are opportunities to explore the assigned readings, further your understanding of research and integrate course material into your clinical practice. We will be incorporating chapters from your text, *Evaluating Research in Academic Journals*, in small group activities.

2. Homework (50 points, 10 points each assignment)

A total of five homework assignments will be assigned. Homework will be assigned in class on the week before it is due. Time during class will often be allotted to begin on these assignments. See schedule below for due dates for each assignment. Due dates are subject to change to adjust for actual course pacing.

3. Article Critique (150 points, 50 points each)

There will be three article critiques due during the semester. The first will focus on program evaluation. The second will focus on a qualitative research article that you will be responsible to select. The third will focus on a quantitative research article of your choosing. All article critiques should be approximately 3-5 pages and written in APA format. Detailed explanations of the assignments will be provided in class and via email.

4. Group Project (100 points)

Your group project will consist of a group presentation and written description of a *hypothetical* research proposal and design. The research problem to be investigated will be group choice. A more detailed explanation of the assignment will be provided via email and discussed in class.

Overview of Assignments

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|----------------------|---------|
| 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 (4.5 hours of a 45-hour/ 3 credit class) may result in failure to complete the class.

Students are expected to be on time to class and tardiness may be seen as an absence that requires make-up work. Please contact me by email as soon as possible in the event of hardship, expected or unexpected tardiness or absence.

In case of extreme hardship and 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 to remove the incomplete must be documented appropriately with previously stated deadlines met.

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 11 | Class introduction and Syllabus review | None | None |
| 2 | Jan 18 | Bias in research and the applications of critique | <i>Understanding Research Methods</i> : Part 1, skip sections 4 and 8 (Pages: 5-37) | TBD |
| 3 | Jan 25 | 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 29 (via email) |
| 4 | Feb 1 | 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 8 | Research sampling and | <i>Understanding Research</i> | HW 2 |

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|----|--------|---|--|---|
| | | real-life populations | <i>Methods:</i> Part 4, skip sections 26, 31, and 34 Pages 88 - 18 | |
| 6 | Feb 15 | Measurements and program evaluation | <i>Understanding Research Methods:</i> Part 5 Pages 122 - 156 | HW 3 |
| 7 | Feb 22 | Experimental design In class activity: peer discussion of Article Critique 2 | <i>Understanding Research Methods:</i> Part 7 Pages 182 - 199 | Article Critique 2: rough draft due in class Final draft due - Sat. Feb 26 (via email) |
| 8 | Mar 1 | Statistical Analysis: Application and evaluation | <i>Understanding Research Methods:</i> Part 9 Pages 260 - 277 | HW 4 Due by email Saturday March 5. |
| 9 | Mar 8 | Descriptive Statistics | <i>Understanding Research Methods:</i> Part 8 (focusing on topics 58-65, Pages 202 - 257 | |
| 10 | Mar 15 | Statistical analysis: Tools and | Finish Part 8 (Topic 65 review and | Article Critique 3: rough draft due in class |

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|----|----------|---|---------------|---|
| | | Interpretation | topics 66-74) | HW 5 and AC3 Final draft due - Sat. Mar 19 (via email) |
| 11 | Mar 22 | Spring Break- No classes | TBD | Enjoy your break! |
| 12 | Mar 29 | In class activity: peer review of group project documentation Course review | None | |
| 13 | Apr 5 | Group project presentations, part 1 | None | |
| 14 | April 12 | Group project presentations, part 2 | None | |
| 15 | April 19 | <u>Final class review</u> : Group Q/A Showdown & Term reflection | None | Group Project Design Documentation Due. |