



# DOANE UNIVERSITY

## SYLLABUS

### COU 675: Research in Counseling

#### Course Content

**Course Number:** COU 675

**Course Title:** Research in Counseling

**Course Dates:** May 23-July 23

**Credit Hours:** 3 Credits

**Instructor:** Andrea McGrath, Ph.D., LIMHP

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**Office Hours:** By appointment

**Classroom:** TBD

**Meeting Times:** Wednesdays 6:00 pm – 10:30 pm

#### Course Description

This course provides students with the skills necessary to critically evaluate counseling and clinical research literature. Students are introduced to the nature of scientific psychology, the process of research inquiry, and the role of the mental health counselor as a knowledgeable research consumer. Students are also introduced to the application of descriptive and inferential statistics, reliability, and validity to the research endeavor. At the completion of this course, students will be able to read and understand research reports in the literature as well as critically examine literature that is non-empirically based. Students will also understand the process for designing their own research and program evaluation.

#### Student Learning Objectives

At the conclusion of this course, students will be able to:

1. Be a good consumer of research through critical reading & evaluating research [2.F.8.a]
2. Understand basic statistical and measurement techniques used in research and how they are interpreted and utilized [2.F.7g; 2.F.7h; 2.F. 8h; 2.F. 8i]
3. Familiarity with various models of research and program evaluation [2.F.8.d; 2.F.8.e; 2F.8.f; 2.F.8.g]
4. Understanding the value of research and the importance of basing counseling practice on solid research foundations [2.F.8.a; 2.F.8.b; 2.F.8.c; 2.F.8.d; 2.F.8.j]

#### REQUIRED TEXTS:

Barrio Minton, C. A., & Lenz, A. S. (2019). *Practical approaches to applied research and program evaluation for helping professionals*. Taylor & Francis.  
ISBN-13: 978-1138070394

ISBN-10: 1138070394

**Supplemental Readings**

Additional readings can be found on Canvas.

**Key Performance Indicator (KPI)**

This course assesses the KPI for the core area of RESEARCH AND PROGRAM EVALUATION.

**Identified KPI:** analysis and use of data in counseling

**Assessment Method:** Research Proposal (see assignment details below)

CACREP Standards Addressed in this Course

SLO	2016 Standard	Topic Coverage	Methods of Instruction	Assessment
2	2.F.7.g	Week 3 & 5 Chapters 3 & 8	Direct Lecture Assigned Readings Group Discussion	Quantitative Quiz Quantitative Article Critique
2	2.F.7.h	Week 2 Chapter 2	Direct Lecture Assigned Readings Group Discussion Multimedia Experiential Activities	Quantitative Quiz Quantitative Article Review Research Proposal Weekly Homework
1, 4	2.F.8.a	Weeks 1-8 Chapters 1-12, 14	Direct Lecture Assigned Readings Group Discussion Multimedia Experiential Activities	Quantitative Article Review Qualitative Article Review
4	2.F.8.b	Weeks 1 & 8 Chapters 1 & 14	Direct Lecture Assigned Readings Group Discussion Multimedia Experiential Activities	Quantitative Article Review Qualitative Article Review Research Proposal
4	2.F.8.c	Week 4 Chapter 6	Direct Lecture Assigned Readings Group Discussion Multimedia Experiential Activities	Research Proposal Weekly Homework
	2.F.8.d	Weeks 7-8 Chapters 13 & 15	Direct Lecture Assigned Readings Group Discussion Multimedia Experiential Activities	Research Proposal Weekly Homework
	2.F.8.e	Weeks 2-6, 8-9	Direct Lecture	Research Proposal

		Chapters 2, 4, 6-11, 15-16	Assigned Readings Group Discussion Multimedia Experiential Activities	Weekly Homework
	2.F.8.f	Weeks 2, 4-7 Chapters 2, 6-12	Direct Lecture Assigned Readings Group Discussion Multimedia Experiential Activities	Quantitative Quiz Qualitative Quiz
	2.F.8.g	Weeks 2, 3-7 Chapters 2, 4-12	Direct Lecture Assigned Readings Group Discussion Multimedia Experiential Activities	Research Proposal Quantitative Article Review Qualitative Article Review Weekly Homework
	2.F.8.h	Weeks 2, 5-7 Chapters 3, 8-12	Direct Lecture Assigned Readings Group Discussion Multimedia Experiential Activities	Research Proposal Quantitative Quiz
	2.F.8.i	Weeks 4-9 Chapters 6-13, 15-18	Direct Lecture Assigned Readings Group Discussion Multimedia Experiential Activities	Quantitative Quiz Qualitative Quiz Research Proposal
	2.F.8.j	Weeks 3-9 Chapters 4, 6-12, 16-20	Direct Lecture Assigned Readings Group Discussion Multimedia Experiential Activities	Weekly Homework Research Proposal

### Suggestions for Getting the Most out of this Course

1. Read the content of this syllabus and ask any questions you may have about anything included. The sooner you clarify a question the more successful you can be with completing the requirements of this course.
2. Complete all reading assignments prior to class meeting times. The reading assignments for this class will include information that will be discussed and applied during in class meetings. Therefore, the better acquainted you are with the content the more you will get out of the activities/discussions planned for each class.
3. Participate, participate, participate! This class is designed to include discussion. The more that you are involved the more you will get out of the class.

### Course Requirements

## 1. Weekly Homework Assignments

**Canvas | 2 points per assignment, 10 Points Total | Due Weeks 2, 3, 4, 6, 7**

- Five various application-based assignments and/or critical thinking questions will be assigned. Students should submit written responses to Canvas prior to the start of class each week. Late assignments will not be accepted.
- Will be evaluated using the rubric on Canvas

## 2. Quantitative Article Review

**Canvas | 10 Points Total | Due Week 5**

- As knowledge is gained about key components of research, application of that knowledge in actual reading and critiquing of research is the focus. Questions about different aspects of a research study are the basis for *critiquing assignments*. Students will critique specific components of a quantitative and qualitative article of their choosing each week as assigned. Late assignments will be docked one-half letter grade each day that is it late.
- Will be evaluated using the rubric provided on Canvas)

## 3. Quantitative Quiz

**In Class | 15 Points Total | Week 5**

- Students will take two multiple-choice quizzes in class covering key areas in quantitative and qualitative research areas. Mastery of these areas is assessed by an *objective exam*. Make-ups will only be provided in the event of a documented extenuating circumstance.
- Will be evaluated using the rubric provided on Canvas

## 4. Qualitative Article Review

**Canvas | 10 Points Total | Due Week 8**

- As knowledge is gained about key components of research, application of that knowledge in actual reading and critiquing of research is the focus. Questions about different aspects of a research study are the basis for *critiquing assignments*. Students will critique specific components of a quantitative and qualitative article of their choosing each week as assigned. Late assignments will be docked one-half letter grade each day that is it late.
- Will be evaluated using the rubric provided on Canvas

## 5. Qualitative Quiz

**In Class | 15 Points Total | Week 8**

- Students will take two multiple-choice quizzes in class covering key areas in quantitative and qualitative research areas. Mastery of these areas is assessed by an *objective exam*. Make-ups will only be provided in the event of a documented extenuating circumstance.
- Will be evaluated using the rubric provided on Canvas

## 6. Research Proposal and Presentation

**Canvas | 30 Points Total | Due Week 9**

- Students will develop a research proposal and present a professional poster detailing their proposed study at the end of the term. Students will present their poster during the last night of class. Research proposals should address the following: gap in literature, population, research questions, methodology, ethical and multicultural considerations, and analysis. Additionally, students will be asked to identify ways in which their study would contribute to the counseling field. Posters will be submitted to Canvas prior to the start of class.
- Will be evaluated using the rubric provided on Canvas

**7. Class Attendance and Participation**

**No Submission | 10 Points Total | Weekly**

- Attendance at all class sessions is expected. Should a student need to miss a class for any reason, they must email the instructor as soon as possible. It is the student’s responsibility to contact the instructor for any missed materials. Should a student miss two or more class sessions, they should not expect to pass the class.
- Students will have opportunity to self-reflect on course attendance and participation

**Critical Learning Analysis (CLA)**

**Canvas | Complete/Incomplete | Due Date**

Students are required to complete and submit a CLA to Canvas. This assignment must be submitted in order to receive a final grade for the course.

**Evaluation Criteria**

**Grading**

The final grade will be based on the following criteria:

Weekly Homework Assignments (2 pts x5)	10 points
Quantitative Article Review	10 points
Quantitative Quiz	15 points
Qualitative Article Review	10 points
Qualitative Quiz	15 points
Research Proposal and Presentation	30 points
Class Attendance and Participation	10 points
<b>Total Possible Points</b>	<b>100 Points</b>

**Grading Scale**

<b>A+</b>	100-97	<b>B+</b>	89.9-87	<b>C+</b>	79.9-77	<b>D+</b>	69.9-67	<b>F</b>	Below 60
<b>A</b>	96.9-93	<b>B</b>	86.9-83	<b>C</b>	76.9-73	<b>D</b>	66.9-63		
<b>A-</b>	92.9-90	<b>B-</b>	82.9-80	<b>C-</b>	72.9-70	<b>D-</b>	62.9-60		

**Tentative Course Schedule**

<b>Week/ Date</b>	<b>Topic</b>	<b>Required Readings</b>	<b>Weekly Assignments</b>
1	Introduction  Ethical, Legal, and Cultural Considerations	Chapters 1 & 20	
2	Methodological Concepts  Measurement and Statistical Concepts	Chapters 2 & 3	Homework #1
3	Program Development, Scientific Inquiry and Program Evaluation  Question-Design Fit	Chapters 4 & 5	Homework #2
4	Surveying Groups of People  Understanding Lived Experiences	Chapters 6 & 7	Homework #3
5	Predicting Relationships Between Variables  Evaluating Change Within an Individual	Chapters 8 & 9	Quantitative Quiz Quantitative Article Critique
6	Measuring Change With A Single Group  Evaluating Differences Between Groups	Chapters 10 & 11	Homework #4
7	Combining Findings Across Studies or Sites  Writing Goals, Objectives, and Outcomes	Chapters 12 & 13	Homework #5
8	Using Literature to Support Practice  Selecting Assessment Measures	Chapters 14-16	Qualitative Quiz Qualitative Article Critique

	Managing Data		
9	Reporting to Stakeholders  Closing the Loop  Sharing with Other Professionals	Chapters 17-19	Research Proposal Research Proposal Presentation

### Classroom Policies & Expectations

1. **Classroom Behavior:** Students are expected to engage in respectful and professional behavior in the classroom. This includes engaging in course content and discussion, contributing to a collaborative environment, and being on time and prepared for class.
2. **Late Assignments:** Students will receive a **5% deduction per day** for all late assignments. The instructor will not be available to help with technological issues the day of class. Any in-class assignment must be completed on the day that you have chosen. Due to the time frame given for each class, moving activities would become overly difficult and affect the learning of other students. Therefore, in-class activities must be completed on the day chosen by the student. Should an unforeseen issue arise (i.e., illness, family death, etc.) changes will be determined on a case-by-case basis. Students should contact the instructor in a timely manner.
3. **Use of Technology:** Any use of computers or phones should be for classroom use only. Should you need to make a call/text please quietly leave the classroom.
4. **Plagiarism:** Any work that you turn in during this class must be your own work. Any use of others' work (i.e., research papers, journal articles, etc.) must be cited using APA format. Students who do not cite work will, at minimum, be given a zero for that assignment and possibly reported to Academic Integrity. Unicheck is utilized to check for plagiarism on academic papers submitted to Canvas. Failure of the course, academic program remediation, and/or dismissal from the MAC program are also potential consequences for plagiarism.
5. **Email:** Students should expect to communicate with the instructor through the official Doane University email system.

### Course Declarations

**Canvas Usage:** Canvas will be utilized to collect various artifacts that can represent the student's body of work. For example, signature artifacts are major assessments of knowledge, skill, and practice that are grounded in CACREP and best practice standards and are associated with various assessment rubrics and are integrated in Canvas.

**Questions, Concerns, Grievances:** Feel free to schedule an appointment to talk with the instructor, if you

have follow-up issues to discuss; if you feel there is a problem or misunderstanding; or if you have a question or complaint. In addition, you may contact the COE Graduate Programs Division Chair regarding any concerns. Formal grievance procedures are outlined in the Doane MAC Student Handbook.

### **Non-Discrimination Policy**

Applicants for admission and employment or professional agreements with the University are hereby notified that this institution does not discriminate on the basis of race, color, religion, sex, genetic information, national origin, disability, age, marital status, sexual orientation or any other protected class recognized by state or federal law in admission or access to, or treatment, or employment in its programs and activities. Sexual Harassment and sexual violence are prohibited forms of sex discrimination.

### **Title IX Policy Statement**

It is the policy of Doane University not to discriminate on the basis of gender in its educational programs, activities or employment policies as required by Title IX of the 1972 Education Amendments.

Inquiries regarding compliance with Title IX may be directed to the Director of Human Resources, Doane University, 1014 Boswell Avenue, Crete, NE 68333 or to the *Director of the Office for Civil Rights*, Department of Health, Education, and Welfare, Washington, D.C., 20202.

### **Title IX Mandatory Reporting**

At Doane, all university employees, including faculty, are considered “Mandatory Reporters.” A “Mandatory Reporter” is required to report incidents of sexual misconduct and relationship violence to the Title IX Coordinator and, thus, cannot guarantee confidentiality. This means that if you tell a mandatory reporter about an incident of sexual harassment, sexual assault, domestic violence, dating violence, stalking and/or other forms of prohibited discrimination, he/she will have to share the information with the University’s Title IX Coordinator. Sharing of this information does not mean that you are officially reporting the incident. This process is in place to ensure you have access to and are able to receive the support and resources you need. Please learn additional information (including confidential resources) at [doane.edu/cape-project](http://doane.edu/cape-project)

### **Academic Integrity**

Fundamental to our mission, our core values, and our reputation, Doane University adheres to high academic standards. Students of Doane University are expected to conduct themselves in a manner reflecting personal and professional integrity. Disciplinary actions may be taken against students whose academic behavior is not congruent with the expectations of the University. Students are responsible for adhering to the standards detailed in this policy. Not being familiar with these standards does not mean that the students will not be accountable for adherence to them. Additional details on the Academic Integrity policy for violating academic integrity are published in the undergraduate and graduate catalogs.

### **Accommodations**

The Rehabilitation Act of 1973 (section 504) and the Americans with Disabilities Act (ADA) provide that "no otherwise qualified disabled individual in the United States shall, solely on the basis of disability, be denied access to, or the benefits of, or be subjected to discrimination under any program or activity provided by any institution receiving federal financial assistance." This regulation requires that Doane programs be accessible to the disabled, but it does not require that every building or part of a building be accessible. Thus, it may be necessary to reschedule classes to accessible classrooms or to take other steps to open one of the programs to students with mobility impairments.



Any student who thinks they may need an accommodation based upon the impact of a disability should contact the Office of Disability Services (<https://www.doane.edu/disability-services>) to coordinate reasonable accommodations as soon as possible.

### **Military Friendliness Academic Policy**

Veterans and active duty military personnel with military obligations are encouraged to communicate to the faculty about these obligations. These communications need to occur within the first two weeks of a course, or as soon as military obligations are identified, and the student needs to provide relevant documentation to the faculty. If necessary, once the student has self-disclosed and provided proper documentation to the faculty, reasonable arrangements will be implemented to help the student complete their academic coursework. More details on the policy are available in the university catalog.

### **Catalogs and Calendars**

Doane catalogs, calendars, and student handbooks are available at this website: <https://www.doane.edu/schedules-catalogs-handbooks-and-calendars>

### **Doane Library**

Doane's Library provides both on- and off-campus access to databases, e-books, and full text articles published in peer-reviewed academic and professional journals. Access the library at the following link: <https://www.doane.edu/library>. Contact a librarian for assistance by phone (402-826-8287) or by email([library@doane.edu](mailto:library@doane.edu)).

### **Changes in Syllabus**

The instructor and Doane University reserve the right to make changes as necessary to this course syllabus. All students will be notified of any changes.