



MSU Texas

Robert D. & Carol Gunn College of Health Sciences & Human Services
Department of Radiologic Sciences
Revised August 2018

Course Number: NURS 3503/RADS 3503/RESP 4423 3 credits Spring 2019
Course Title: Research

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Prerequisite:

BSRT, BSRS, BSRC, or BSN chair approval

Course Overview:

The focus of this course is to instruct health sciences and human services students in the role of research in interdisciplinary health studies.

Note: This is an interdisciplinary research course that will be taught to nursing, radiologic science, and respiratory therapy students mixed into each course section.

Course Objectives:

Upon completion of this course, students will:

- Discuss essential components of the research process.
- Differentiate application of selected research designs.
- Discuss the ethical and legal aspects of research.
- Critique selected research projects.
- Demonstrate ability to apply research findings to professional practice issues, including interdisciplinary issues.

Textbooks:

American Psychological Association. (2010). *Publication manual of the American Psychological Association* (6th ed.). Washington, DC: Author.

[ISBN: 978-1-4338-0561-5] **Required**

Leedy, P. D., & Ornrod, J. E. (2016). *Practical research: Planning and design* (12th ed.). Upper Saddle River, NJ: Pearson. [ISBN 978-0-13-374132-2] **Required**

Aaron, J. E. (2014). *LB Brief*. The Little, Brown Handbook, Brief version (5th ed.) Pearson Upper Saddle River, NJ: Pearson. [ISBN 0-13-978-0-321-87256-2324-0] ***Not required, but highly recommended for those with limited writing skills.***

Communication with the Instructor:

Communication will be through the student's Midwestern State University email account. An email account is created for every MSU student. If you have not accessed this account yet, please do so by logging into the Portal and clicking the student email account icon located in the Portal.

You have the option to have any messages sent here to be forwarded to the email account of your choice.

The instructor will respond or at least acknowledge email messages from students within a maximum of five (5) business days when MSU is in session. Beyond standard university holidays and breaks, the instructor will notify students of any extended periods of time when email contact is not practical (professional meetings, etc.).

When emailing the instructor, please include your full name, course and section number, and a thorough explanation in your message. This will help expedite your request or needs.

Class Meeting Date and Time:

Since this is an online course, there are no mandatory face-to-face sessions. However, the student should be vigilant in logging into D2L. Regular checks will ensure messages from the instructor are received in a timely manner. This course is on a schedule that will be strictly adhered to. See the Course Schedule at the end of this syllabus for specific information about activities and due dates. The instructor will be available to meet face-to-face with any interested students. This meeting is optional and must be confirmed by email ahead of time with the instructor.

Students should check for class announcements on the course website in D2L. This course also includes an UNGRADED discussion board on D2L so students may post questions they want the instructor to answer. The entire class will benefit from the answers. Students should check the Instructor Discussion Board at least once per week.

Methodology/Teaching Strategies:

Independent reading assignments, D2L open book module quizzes, dropbox assignments, and a final PowerPoint presentation.

Evaluation Method:

- Discussion Boards 10%
- Quizzes 15%
- Assignments 50%
 - Article Critiques 10%
 - Research Question Form 10%
 - Title & Reference Page 25%
 - Acknowledgement Form 5%
 - Plagiarism Evaluation 25%
 - Synthesizing Articles 25%
- Final Project 25%

Grading Scale:

All programs consider a grade of 70 a 'C' for this class

Grade	Range
A	90-100
B	80-89
C	70-79
D	60-69
F	59 or less

The last opportunity to drop this course with a grade of “W” is 4:00pm March 25, 2019. Please refer to the Undergraduate Bulletin for details about receiving a grade of “Incomplete” in a course.

In an emergency or extenuating circumstance, a student may request a grade of “Incomplete” in a course before grades are submitted.

If the instructor grants the “Incomplete,” the student has until thirty (30) days after the beginning of the next long semester to complete the course requirements. If the student does not complete the course requirements within the deadline, the grade of “Incomplete” will automatically convert into a grade of “F.”

Activities and Assignments:

This course is one that was constructed so that the material builds upon itself to result in an overall project and application of learning. It is not recommended to work ahead. See the Course Schedule in this syllabus for specific information about activities and due dates.

If students have technical difficulties, they should use the “Help” link on D2L, contact the MSU Information Systems Support Staff, and send an email to the professor explaining

what happened. Waiting until the last minute to ask for help or reporting incidents AFTER a due date or an exam expires may result in a grade of zero, even if it was a failure of D2L.

- All work submitted to the instructor will be considered complete and final, and will be graded as such.
- All reading assignments are mandatory and the students' comprehension of the content will either be graded in the form of a quiz or applied in an assignment.
- All assignments must be written at the baccalaureate level and will be graded for accuracy, completeness, quality, spelling, grammar, and integrity.
- Because of the nature of the assignments, late submissions will not be accepted. *It is the expectation of the faculty that you complete work on time.*

Discussion Boards:

There are required discussion boards, as well as social discussion boards for this course.

In the social discussion boards, there is a Coffee Shop discussion board for chatting with your classmates. This board is not mandatory and will not be graded. Here you will also find the Introductions discussion board. This board **IS** mandatory and **WILL** be graded.

In the required discussion boards, there are 5 topics provided. Each student is required to post **one** meaningful response to the question, as well as **two** responses to other students for **each topic**. The discussion boards will not open and you will not be able to see anyone else's posts until you have created your original post. This is an open discussion; but you must keep in mind proper discussion board etiquette.

Students must post original posts to the discussion board 48 hours before the deadline for replies. This ensures all students have equal opportunity to engage in discussion and read everyone's post. It is also the students' responsibility to facilitate discussion within their own post if classmates have questions or comments. If students wait until the deadline to complete original posts, or fail to facilitate discussion, it is not fair to peers and defeats the purpose of the discussion. Failing to adhere to these policies will result in a loss of credit for the discussion board assignment. Discussion boards are worth 10% of your total grade. Failure to complete discussion boards can negatively affect your grade.

Course Modules:

Welcome (Students should start here! - Quiz)

Students should begin the course by viewing the documents found in the Welcome module. The syllabus is located here along with an overview of the course and the textbooks, as well as a document about discussion board etiquette. Finally in this section, you will find the library use video along with a quiz about the documents found in the Welcome Module. The syllabus should be reviewed by all students prior to beginning any modules. It is to be referred to throughout the semester any time the student has a question. If the answer cannot be found in the syllabus, the instructor is to be contacted.

The Welcome Quiz is for a grade and must be completed independently by the students. Students have unlimited attempts to take the quiz before the due date, and a minimum grade of 85% must be achieved before the remainder of the course will be available. Students can earn higher than 85%. It is worth 10% of the quiz average. If a grade of at least 85% is not achieved by the due date, the student will receive a zero (0) for the Welcome Quiz, no exceptions.

Module 1 – What is Research? (Quizzes & Dropbox Assignment)

Students should begin by reading the course notes for an overview of the module. There are assigned reading materials found in this module that the student must complete, as well as a dropbox assignment and quiz on research ethics.

There is a discussion board question for this module and quizzes for this module.

Module 2 – Types of Research (Quiz and Dropbox Assignment)

Students should begin by reading the course notes for an overview of the module. This module is broken down into 5 types of research. Each type of research has PowerPoint presentations over the corresponding chapters in the book as well as an article for critique.

After reviewing all of the material in the module, the student will complete a quiz that is comprehensive over the 5 types of research.

The dropbox assignment for this module is an article critique of each of the articles provided for each type of research. There is a Word document with a form for you to use to complete this assignment.

There is a discussion board question for this module.

Module 3 – APA/Writing a Literature Review (Quiz & Dropbox Assignments)

Students should begin by reading the course notes for an overview of the module. This module contains websites, as well as two PowerPoint presentations about APA. These

should be viewed by the students. **There is also a discussion board question for this module.**

After viewing the websites and presentations, there is a quiz over proper APA formatting. **Students are permitted and highly encouraged to use their APA manual for this quiz.** It is 50 questions and students have two (2) hours to complete the quiz. ***Please keep in mind APA is a writing style, which includes grammar, punctuation, sentence structure, etc. This quiz does not just cover citations and references, but all information can be found in the APA manual.***

It is the goal of the instructors for students to learn APA style, not just pass a quiz without retaining any information. APA is something students will use throughout their career. Because of that, **students will be allowed unlimited attempts on this quiz before the due date, with the highest grade of all attempts being their final score. Students are expected to achieve a minimum score of 85% by the due date; however, if a student does not meet this benchmark, the highest grade achieved will be the student's final score for the APA quiz, no exceptions. The quiz will change with each attempt as the questions are randomly generated. You will not be taking the same quiz for each attempt.**

Within the APA Module you will find the Writing a Literature Review Module. Students should begin by reading the course notes for an overview of the module. This module contains three sections: Topic, Research Question, and Article Selection, APA Title and Reference Pages, and Sections of a Literature Review.

The Topic, Research Question, and Article Selection section contains three documents. All should be viewed by the students. After reviewing the articles, the students should complete the Research Question Approval drop box assignment. **The topic you choose AND the research question and outline will be the same throughout the entire course.**

There is also a discussion board question for this section.

The APA Title and Reference Pages section contains a document and two videos, all of which should be viewed by the students. Upon review of these materials, the students will complete a properly formatted APA Title Page and Reference List and submit it to the dropbox; a pdf file of the actual articles must be included. **Students should save articles used for the references as they will be used later for the synthesizing assignment. Students will receive feedback and need to correct these assignments for future assignments.**

The Sections of a Literature Review contains document that are for your information only. These documents will help you in the course as well as in additional courses but

there is no assignment or quiz associated with these particular documents. It is still highly recommended the students read and retain these articles for future reference.

For each assignment, you may receive feedback in the form of a corrected Word or PDF document. Please look at the file on “How to Check and Use Feedback in this Course”. Corrections required in one assignment that you do not address may significantly affect your grade in another assignment.

Module 4 – Plagiarism & Paraphrasing (Dropbox Assignments)

Students should begin by reading the course notes for an overview of the module. This module is broken down into 2 parts.

The first part covers plagiarism and has a document about the MSU Student Honor Creed that must be read and an acknowledgement signed and submitted to the dropbox.

Following that assignment, students are to read the What Constitutes Plagiarism article, paying special attention to the types of plagiarism. Upon completion of reading that document, there is a dropbox assignment for Plagiarism Evaluation.

There is a discussion board question for this section.

The next section covers paraphrasing and synthesizing. In this section, students must read the How to Paraphrase article. Following the reading of that document, **there is a discussion board question to be completed.** Next, students should read Synthesis Defined and How to Write a Synthesized Literature Review. Finally there is one dropbox assignment associated with this section: Synthesizing Articles. This assignment is based on the articles chosen previously in the course for the RQA form and References.

Module 5 - Final Project – PowerPoint (Dropbox Assignment)

Students should begin by reading the instructions for the final project. Do not skip any of the instructions. This project will be in the form of a PowerPoint presentation and will be submitted to the dropbox. **This project is based on the topic you choose for the research question you will write and the assignments you will complete throughout the course.**

Special Needs:

In accordance with Section 504 of the Federal Rehabilitation Act of 1973 and the Americans with Disabilities Act of 1990, Midwestern State University endeavors to make reasonable adjustments in its policies, practices, services, and facilities to ensure equal

opportunity for qualified persons with disabilities to participate in all educational programs and activities.

The Office of Disability Support Services (DSS) provides information and assistance, arranges accommodations, and serves as a liaison for students, instructors, and staff. The DSS has assistance devices such as books on tape, recorders, and adaptive software which can be loaned to qualified individuals. A student/employee who seeks accommodations on the basis of disability must register with the Office of Disability Support Services in the Clark Student Center Room 168 or call 940-397-4140 for more information. Documentation of disability from a competent professional is required.

Individuals with grievances related to discrimination or lack of accommodation on the basis of a disability are encouraged to resolve the problem directly with the area involved. If the matter remains unresolved, advice and/or assistance will be provided by the Office of Disability Services for resolution. The grievance procedure may be found in the Student Handbook and Activities Calendar.

The ADA Coordinator may be contacted at (940) 397.4140, or 3410 Taft Blvd., Clark Student Center Room 168.

Conduct/Honesty/Honor System:

RADS 4763 adheres to the MSU Code of Conduct. In particular, academic dishonesty, however small, creates a breach in academic integrity. A student's participation in this course comes with the expectation that his/her work will be completed in full observance of the MSU Code of Student Conduct. A student should consult the Student Handbook for answers to any questions about the code.

Students are encouraged to take full advantage of many resources available including Internet sites, handouts, other textbooks & journals, faculty, and peers. This interactive collegial learning environment is conducive to life-long learning.

Specific components of RADS 4763 are designed to represent the efforts of each student individually and are NOT to be shared. These components include the written assignment submitted for a grade. Submitting someone else's work as your own or improperly cited work constitutes plagiarism. Please see the Midwestern State University Catalog for further discussion of plagiarism. Plagiarism will constitute in an F for the course and the student will be referred to administration for further action. When students submit their efforts for grading, they are attesting they abided by this rule.

Quizzes and exams are not to be copied in any form or shared in any form. Students caught engaging in such activity will receive an F for the course and be referred to University administration for dismissal.

Cheating includes, but is not limited to: (1) use of any unauthorized assistance in taking quizzes, tests, or examinations; (2) dependence upon the aid of sources beyond those authorized by the instructor in writing papers, preparing reports, solving problems, or completing other assignments; or (3) the acquisition of tests or other academic materials belonging to the university faculty or staff without permission.

Plagiarism includes, but is not limited to: the use of, by paraphrase or direct quotation without correct citation in the text and on the reference list, the published or unpublished works of another person. Students may not submit papers and assignments that they have previously submitted for this or other courses. The use of materials generated by agencies engaged in “selling” term papers is also plagiarism. Students are encouraged to review the tutorials and suggested websites for more information about plagiarism.

By enrolling in this course, the student expressly grants MSU a limited right in all intellectual property created by the student for the purpose of this course. The limited right shall include but shall not be limited to the right to reproduce the students work product in order to verify originality and authenticity, and for educational purposes.

Administrative Process:

Unresolved issues related to this course should be first addressed between the student and the course instructor. If there is no resolution, students must follow this sequence:

1. Director of Interdisciplinary Education – Dr. Beth Vealé (940-397-4611)
2. The Chair of the student’s major program
 - Nursing Department Interim Chair – Dr. Robin Lockhart (940-397-4614)
 - Radiology Interim Department Chair – Mrs. Debra Wynne (940-397-4608)
 - Respiratory Department Chair – Dr. Jennifer Anderson (940-397-4656)
3. College Dean – Dr. Jeff Killion (940-397-4594)
4. Dean of Students – Matthew Park (940-397-7500)

Campus Carry:

Senate Bill 11 passed by the 84th Texas Legislature allows licensed handgun holders to carry concealed handguns on campus, effective August 1, 2016. Areas excluded from concealed carry are appropriately marked, in accordance with state law. For more information regarding campus carry, please refer to the University’s webpage: [Campus Carry - MSU Texas](#).

Tentative Course Schedule

Date	Activity <i>All assignments are due by 11:59pm CST on the indicated due date</i>
January 12	Classes begin
January 21	Welcome Quiz & Introductions Discussion Board
January 28	What is Research Quiz & Ethics Discussion Board
February 4	NIH Training Quiz
February 11	Types of Research Discussion Board & Quiz
February 18	Article Critique Assignment
March 4	APA Discussion Board & Quiz
March 11	Research Question Approval Assignment
March 18	Searching for Literature and Question Formation Discussion Board
March 25	Title & Reference Page Assignment
March 25	Last Day to Drop with "W" - 4:00 PM
April 1	Plagiarism Discussion Board & MSU Honor Creed Assignment
April 8	Plagiarism Evaluation Assignment & Paraphrasing Discussion Board
April 15	Synthesizing and Paraphrasing Assignment