



## MSU Texas

Robert D. & Carol Gunn College of Health Sciences & Human Services

Revised December 2020

Course Number: RESP 4423      3 credits      Spring 2021

Course Title: Research

Faculty: Randy Case, Ph.D., RRT-NPS

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### Course Overview:

This course instructs the respiratory care student in the role research plays in the practice of respiratory care. Quality improvement is used to emphasize the basic components of research. Topics include problem development, literature review, data analysis techniques and interpretation, institutional review boards, and communicating the results.

### 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 pertaining to healthcare.

### Textbook:

American Psychological Association. (2020). *Publication manual of the American Psychological Association* (7<sup>th</sup> ed.). American Psychological Association. [ISBN: 9781433832161] **Required**

## Communication with the Instructor:

Communication will be through the student's Midwestern State University email account.

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.).

## 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.

## Evaluation Method:

- Research Question Form 12%
- Title & Reference Page 12%
- Types of Research Essay 16%
- Plagiarism Evaluation 12%
- Body of the Paper 30%
- Final Paper 18%

## Grading Scale:

\*The Respiratory Care program considers a grade of 75 a 'C' for this class\*

Grade	Range
A	90-100
B	80-89
C	75-79
D	70-74
F	69 or less

**The last opportunity to drop this course with a “W” is 4:00pm April 23, 2021.**

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 a final paper and application of learning. It is not recommended to work ahead. See the Course Schedule in this syllabus, as well as the course calendar in D2L, 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 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.*
- Rubrics are available for all written assignments and can (and should) be viewed by the students prior to submitting any work.

### **Course Modules:**

#### **Syllabus & Course Resources**

Students should begin the course by viewing the Syllabus, Cautionary Notes, and How to Check and Use Feedback in this Course.

Also in this module you will find PowerPoint presentations covering various course topics. It is HIGHLY recommended that students review all of these documents as they progress through the course.

## **Module 1 – APA (Dropbox Assignments)**

Within the APA Module, students will find the Research Question Approval section as well as the Title & Reference Page section. In the Research Question Approval section, first read the Formulating a Research Question document, then access the Research Question Approval form. Upload the completed form to the dropbox by the assignment due date. Due dates are available in the course calendar. **The topic, question, and references provided in this document must be related to respiratory therapy and healthcare and will be the basis for the title and reference page, body of paper, and final paper assignments.**

In the Title & Reference Page section, review the sample title page and sample reference list, and the Title & Reference Page instructions. Upload the completed title & reference pages to the dropbox by the assignment due date. Due dates are available in the course calendar.

## **Module 2 – Types of Research (Dropbox Assignment)**

Within the Types of Research Module, students will review the Types of Research overview, followed by the Types of Research Assignment instructions. There are additional resources available in the Course Resources module if needed. Upload the completed assignment to the dropbox by the assignment due date. Due dates are available in the course calendar.

## **Module 3 – Plagiarism & Synthesizing (Dropbox Assignment)**

The Plagiarism & Synthesizing Module is separated into two sections. Within the Plagiarism section, students should begin by accessing the Avoiding Plagiarism document, and follow instructions to review the Harvard Guide to Using Sources. After reviewing that document, students should review the Plagiarism Evaluation Assignment instructions and upload the completed document to the dropbox by the assignment due date. Due dates are available in the course calendar.

In the Synthesizing section, students must review the Synthesizing notes and Synthesis Defined document. These will be helpful for the Module 4 assignment. There are also additional resources about synthesizing in the Syllabus & Course Resources Module.

## **Module 4 – Body of Paper (Dropbox Assignment)**

Within the Body of the Paper Module, students will find the Body of Paper notes, Body of Paper instructions, and information on where to find a sample student paper. All of these documents should be reviewed before beginning the assignment. Upload the completed document to the dropbox by the assignment due date. Due dates are available in the course calendar.

Feedback for this assignment, as well as the title & reference page assignment will be provided by the instructor and MUST be reviewed and corrected to complete the final paper assignment in Module 5. Feedback may be included in the D2L gradebook as well as within the review comments in the Word document itself. Failure to incorporate the feedback provided will significantly impact the grade of the final paper assignment.

### **Module 5 - Final Paper (Dropbox Assignment)**

Students should begin by reading the instructions for the final paper. This assignment should be very straight forward. Students should review all feedback provided by the instructor on the research question approval, title and reference page, and body of the paper assignments and correct all mistakes. This will require you to open the previous assignments, review the feedback/comments provided by the professor, and make the requested revisions. This may require some restructuring of the paper, changes in references, etc. The final paper should be free from all previously indicated errors, and substantial effort to improve the previous draft should be obvious to the instructor. Upload the final document to the dropbox by the assignment due date. Due dates are available in the course calendar.

### **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:**

This course adheres to the MSU Code of Conduct. 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.

The components of this course are designed to represent the efforts of each student individually and are NOT to be shared. 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.

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. Randy Case (940-397-4653)
2. The Chair of the student's major program
  - Nursing Department Chair – Dr. Robin Lockhart (940-397-4614)
  - Radiology Department Chair – Dr. Beth Vealé (940-397-4611)
  - 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 84<sup>th</sup> 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

Due Date	Activity <i>All assignments are due by 11:59pm CST on the indicated due date</i>
<b>Monday, January 11</b>	Classes begin
<b>Monday, February 1</b>	Research Question Approval Form
<b>Monday, February 8</b>	Title & Reference Page Assignment
<b>Monday, February 22</b>	Types of Research Assignment
<b>Monday, March 1</b>	Plagiarism Evaluation Assignment
<b>Monday, March 22</b>	Body of the Paper Assignment
<b>Monday, April 5</b>	Final Paper Assignment
<b>Friday, April 23</b>	Last Day to Drop with a "W" (4:00 PM)