



Course Syllabus: Respiratory Care Research
College of Health Sciences and Human Services
RESP 4423 Section 101
Spring Semester, 2020

Contact Information

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

Office: Centennial Hall

Office hours: Mondays – 10:00am-12:00pm & 2:00pm-3:00pm, Tuesdays –
1:00pm-2:00pm, Wednesdays – 2:00pm-3:00pm, or by appointment.

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Course Description

Course Meetings will be Wednesdays from 8:00am to 1:00pm. The focus of this course is to instruct 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

Course objectives include: 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.

Textbook & Instructional Materials

Not required but is recommended: American Psychological Association. (2020).
Publication manual of the American Psychological Association (7th ed.). ISBN:
978-1-4338-3216-1

Student Handbook

Refer to: [Student Handbook 2019-2020](#)

Academic Misconduct Policy & Procedures

Academic Dishonesty: Cheating, collusion, and plagiarism (the act of using source material of other persons, either published or unpublished, without following the accepted techniques of crediting, or the submission for credit of

work not the individual's to whom credit is given). Additional guidelines on procedures in these matters may be found in the Office of Student Conduct. Research papers and projects must be original work for each course assignment. The faculty will not accept a submission that has been or is being submitted for another course. No Exceptions!

Assignment Grading

	Percentage of Total Grade
Class Assignments	50%
Final Research Project	50%

Grading Scale

Letter Grade	Percentage Grade
A	90-100%
B	80-89%
C	75-79%
D	60-74%
F	Less than 60%

A minimum grade of 75, or a C, is required in all respiratory courses. All assignments must be completed by 11:59pm on the due date.

Attendance and Participation

Regular class attendance is required. No distinction is made between excused and unexcused absences unless the absence has been cleared through the office of the Dean of Students, Athletic Department or Academic Affairs. If a student misses a lecture, it is the student's responsibility to work with other class members to determine what material was missed. Two missed class days may result in an automatic 25% reduction in final course grade. Three or more missed class days may result in an automatic 50% reduction in final course grade.

Assignments

A series of eleven assignments will be assigned throughout the semester. These assignments are designed to guide the student through the research process. Conscientious completion of the assignments can be an excellent way to prepare for your final project. These assignments will account for 50% of your final grade for this course.

Final Project

The Final project within this course is the development and presentation of the student's research findings during Midwestern State University's Celebration of Scholarship. All students must present their research posters during the event on Thursday, April 25th for a minimum of three hours. Faculty will utilize the Research Symposium Rubric to determine a score for each presentation. The scores from each faculty will be collected and averaged to determine a final grade for the overall presentation.

Missed Assignment Policy

If a student is going to miss an assignment, it is the student's responsibility to contact the instructor prior to the exam or assignment deadline. A 10% reduction will be taken for each day (weekends and holidays included) after the scheduled assignment due date.

Important Dates

Deadline for Change of Schedule and Late Registration: January 16, 2019

Last Day to drop with a grade of "W:" March 25, 2019.

Refer to: [Drops, Withdrawals & Void](#)

Desire-to-Learn (D2L)

Extensive use of the MSU D2L program is a part of this course. Each student is expected to be familiar with this program as it provides a primary source of communication regarding assignments, examination materials, and general course information. You can log into [D2L](#) through the MSU Homepage. If you experience difficulties, please contact the technicians listed for the program or contact your instructor.

Change of Schedule

A student dropping a course (but not withdrawing from the University) within the first 12 class days of a regular semester or the first four class days of a summer semester is eligible for a 100% refund of applicable tuition and fees. Dates are published in the Schedule of Classes each semester.

Refund and Repayment Policy

A student who withdraws or is administratively withdrawn from Midwestern State University (MSU) may be eligible to receive a refund for all or a portion of the tuition, fees and room/board charges that were paid to MSU for the semester. HOWEVER, if the student received financial aid (federal/state/institutional grants, loans and/or scholarships), all or a portion of the refund may be returned to the financial aid programs. As described below, two formulas (federal and state)

exists in determining the amount of the refund. (Examples of each refund calculation will be made available upon request).

Services for Students With Disabilities

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 accommodations to ensure equal opportunity for qualified persons with disabilities to participate in all educational, social, and recreational programs and activities. After notification of acceptance, students requiring accommodations should make application for such assistance through Disability Support Services, located in the Clark Student Center, Room 168, (940) 397-4140. Current documentation of a disability will be required in order to provide appropriate services, and each request will be individually reviewed. For more details, please go to <http://www.mwsu.edu/student-life/disability>.

College Policies

Campus Carry Rules/Policies

Refer to: [Campus Carry Rules and Policies](#)

Smoking/Tobacco Policy

College policy strictly prohibits the use of tobacco products in any building owned or operated by WATC. Adult students may smoke only in the outside designated-smoking areas at each location.

Alcohol and Drug Policy

To comply with the Drug Free Schools and Communities Act of 1989 and subsequent amendments, students and employees of Midwestern State are informed that strictly enforced policies are in place which prohibits the unlawful possession, use or distribution of any illicit drugs, including alcohol, on university property or as part of any university-sponsored activity. Students and employees are also subject to all applicable legal sanctions under local, state and federal law for any offenses involving illicit drugs on University property or at University-sponsored activities.

Grade Appeal Process

Students who wish to appeal a grade should consult the Midwestern State University [Undergraduate Catalog](#)

Course Schedule:

Below, you will find the course schedule. I suggest printing a copy of the course schedule to help you stay organized and meet all deadlines.

Please note that changes in the course syllabus, assignments, and schedule may be made at the discretion of the professor.

Course Schedule

Date	Activities/Assignments
Jan 22	Review Syllabus via D2L
Feb 9	Acknowledgement of Honor Creed CITI Training - CITI (Collaborative Institutional Training Initiative) Develop and Submit Research Question Develop and Submit Objectives Section Develop and Submit Research Abstract Form and Submit Develop and Submit Survey Instrument Complete and Submit IRB Application and Consent Form - https://msutexas.edu/irb/ https://msutexas.edu/irb/assets/files/guidelines-for-class-related-projects.pdf
Feb 13	Perform Surveys and Obtain Data if Able Develop and Submit Introduction Section Develop and Submit Methods Section Find Articles Pertaining to Research
Mar 6	Continue Surveys and Analyze Data Develop and Submit Results Section Develop and Submit Conclusion Section Develop and Submit Reference List
Mar 13	Develop Poster
Apr 10	Finalize and Submit Poster – Ready to Print
Apr 17	In-Class Presentations of Research Poster
Apr 25	Celebration of Scholarship