



Course Syllabus: Basic Respiratory Therapeutics
College of Health Sciences and Human Services
RESP 3443 Section 101
Fall Semester, August 23, 2021 – December 11, 2021

Contact Information

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Audience

Junior Respiratory Care Students
3 Credit Course

Weekly Meeting Pattern

Mondays: 10:30 am – 12:50 pm
Wednesdays: 10:30 am – 12:50 pm

Course Description

The focus of this lecture course is on the theoretical application of the basic therapeutic techniques used by respiratory care professionals. Topics include airway care, gas therapy, humidity and aerosol therapy, lung expansion therapy, chest physical therapy and patterns of cardiopulmonary dysfunction.

Course Objectives

Course objectives include:

1. The student will be taught the techniques of lung expansion therapy to include: incentive spirometry, PEP devices, intermittent positive pressure breathing and continuous positive airway pressure
2. Bronchial hygiene maneuvers will be reviewed and students will be responsible for displaying knowledge of: manual and mechanical chest

physiotherapy, airway clearance techniques to include cough and suctioning.

3. The airway management techniques requisite for respiratory care professionals will be presented and demonstrated. Students will demonstrate skill in: oral intubation, tracheostomy care, placement of nasal and oral simple airways.
4. Students will receive instruction in thoracic imaging techniques and can demonstrate competence in simple radiographic image interpretation and can demonstrate knowledge of standard practices relating to imaging commonly used with pulmonary patients.
5. Instruction will be provided in causes and treatment of pulmonary infections, obstructive and interstitial lung diseases.
6. The clinical condition of respiratory failure will be discussed. Students will demonstrate knowledge of the techniques for treatment and causes of respiratory failure.
7. As time permits, students will receive instruction in introductory concepts relating to mechanical ventilation.

Textbook & Instructional Materials

Egan's Fundamentals of Respiratory Care, 12th edition, ISBN 9780323511124
18 month Subscription to Classmate Learning Resources -
<https://www.classmatelr.com/acct/HomePage.aspx>

Student Handbook

Refer to: [Student Handbook 2021-22](#)

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

Assignments	Percentage of Total Grade
Supplemental Assignments	10%
Exams	65%
Final	25%

Grading Scale

Letter Grade	Percentage Grade
A	90-100%
B	80-89%
C	75-79%
D	70-74%
F	Less than 69%

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

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. Please refer to the MSU Student Handbook for more information or the Respiratory Care Student Conduct Guidelines for Clinical Laboratories.

Supplemental Assignments

Quizzes, homework assignments and projects will be assigned throughout the semester as needed to reinforce concepts introduced in the classroom. These assignments will be worth 10% of your overall grade.

Exams

The three unit exams will cover material discussed in class; the content will be derived from Egan's 12th ed. and the laboratory manual. All exams are computerized and will require the student to have access to a computer for use during class time. Upon availability, arrangements to utilize a computer lab on campus will be made prior to exam date and announced by the instructor. Exams will make up 65% of your overall grade.

Final Exam

The final examination will be comprehensive and the same format as the lecture exams. The final exam is worth 25% of your overall grade.

Late or Missed Assignments

Anything not completed and handed in on time will be subjected to a 20% per day penalty (weekends and holidays included). No exceptions! Missed class

days are not encouraged and students will be held accountable for all material covered during absences. Faculty members are not responsible for helping a student "make up" missed work. When possible arrangements should be made prior to the due date.

Important Dates

Last Day to drop with a grade of "W:" October 25, 2021.

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.

Top Hat

We will be using the Top Hat (www.tophat.com) classroom response system in class. You will be able to submit answers to in-class questions using Apple or Android smartphones and tablets, laptops, or through text message. Additionally, we will be using the custom-built interactive material within Top Hat for this class. Your overall performance and participation in class using Top Hat will be monitored. An email invitation will be sent to you by email closer to the first day of class, but if don't receive this email, you can register by simply visiting ourcourse website: <https://app.tophat.com/e/677935>

Note: our Course Join Code is 677935. Top Hat will require a paid subscription, and a full breakdown of all subscription options available can be found here: www.tophat.com/pricing. Should you require assistance with Top Hat at any time, due to the fact that they require specific user information to troubleshoot these issues, please contact their Support Team directly by way of email (support@tophat.com), the in-app support button, or by calling 1-888-663-5491.

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 [Disabilities Office Link](#).

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](#)

COVID-19 Schedule Changes

I will take every measure possible to adhere to the following course schedule. However, this schedule is subject to change due to university requirements or COVID-19 precautions. You will be notified via email and the course news in D2L if any changes are anticipated.

Course Schedule

Date	Classroom Assignments	Chapters
Aug. 23	Syllabus Review Lung Expansion	Chapter 43
Aug. 25	Lung Exp. Cont. Airway Clearance	Chapter 44
Aug. 30	Exam #1	
Sept. 1	Thoracic Imaging Airway Management	Chapter 21 Chapter 37
Sept 6	Labor Day	
Sept. 8	Exam #2	
Sept 13	CPR	
Sept. 15	Pulmonary Infections	Chapter 24
Sept. 20	Obstructive Diseases	Chapter 25
Sept. 22	Review	
Sept. 27	Exam #3	
Sept. 29	Interstitial Disease	Chapter 26
Oct. 4	Interstitial Presentations/Assignment	
Oct. 6	Respiratory Failure	Chapter 45
Oct. 11	NIPPV	Chapter 50
Oct. 13	Sleep	Chapter 34

Date	Classroom Assignments	Chapters
Oct. 18	Exam # 4	
Oct. 20	Review	
Oct. 27	Final Exam	