

Midland College
Master Syllabus
RSPT 2310
Cardiopulmonary Disease
(3-0-0)

Course Description:

A discussion of pathogenesis, pathology, diagnosis, history, prognosis, manifestations, treatment, and detection of cardiopulmonary diseases.

End of Course Outcomes

Text, References, and Supplies:

Des Jardins, Clinical Manifestations & Assessments of Respiratory Disease. 8th Edition. Mosby. 2020

Kacmarek, Stoller, Heuer, Egan's Fundamentals of Respiratory Care. 12th Edition. Elsevier. 2021.

Disclaimer

The instructor reserves the right to make modifications to this course throughout the semester. The above schedule, policies, procedures, and assignments in this course are subject to change in the event of extenuating circumstance, by mutual agreement, and/or to ensure better student understanding.

Students MUST actively participate by completing an academic assignment required by the instructor by the official census date. Students who do not actively participate in an academically-related activity will be reported as never attended and dropped from the course.

Course Goals/ Objectives:

The following list of course goals will be addressed in the course. These goals are directly related to the performance objectives (Addendum A).

1. Describe and employ history and physical examination techniques on patients with pulmonary problems.
2. Describe diagnostic methods related to respiratory disease (PFT, ABG, O2 assessment, CV assessment, CXR, other diagnostic tests).
3. Discuss Therapist Driven Protocols (TDP) and the role of the Respiratory Care Practitioner
4. List definition, etiology, general pathological changes, clinical manifestations,diagnostics, and management for each of the diseases listed in the categories below:
 - A. Chronic Obstructive Lung Disease
 - B. Asthma
 - C. Cystic Fibrosis
 - D. Bronchiectasis
 - E. Pneumonia, Abscess, and Fungal Disease
 - F. Tuberculosis

- G. Pulmonary Edema
- H. Pulmonary Vascular Diseases
 - I. Flail Chest/Pneumothorax
 - J. Pleural Effusion & Empyema
- K. Lung Cancer
- L. Interstitial Lung Disease
- M. Acute Respiratory Distress Syndrome
- N. Neuro-Respiratory Disorders
- O. Sleep Related Breathing Disorders
- P. Other Important Topics

Student Contributions and Class Policies:

Each student will spend at least 6 hours per week preparing for class. Attendance is critical in this class. The college attendance policy will be followed.

All classroom performance and behavior will be considered academic.

Evaluation of Students:

A minimum of seven (7) exams will be given including a comprehensive final (unless otherwise designated by the instructor). The final exam will account for 20% of the final grade. There will be 3 SOAP assignments. There will be practice clinical simulations. Test questions will come from lecture, reading assignments and homework assignments. Most tests will be objective in nature.

6 Major Exams	55%
<ul style="list-style-type: none"> • Exam 1 (SOAP, Radiologic Exam of Chest) • Exam 2 (COPD) • Exam 3 (Asthma, Cystic Fibrosis, Bronchiectasis) • Exam 4 (Pneumonia, Abscess, Fungal Disease, and Tuberculosis) • Exam 5 (Pulmonary Edema, PVD, PE, Pulmonary Hypertension, Flail Chest, Pnuemothorax, Pleural Effusion & Empyema) • Exam 6 (Lung Cancer, ILD, ARDS) • Exam 7 (Final Exam-Gillian-Barre/Myasthenia Gravis, OSA, Near Drowning, Smoke Inhalation, Thermal Injuries, CO Intoxication, and previously covered material) 	
7 Quizzes & 3 SOAP's	15%
<ul style="list-style-type: none"> • SOAP 1 • SOAP 2 • SOAP 3 	
Classmate/r Clinical Simulations:	5%
Attendance	5%

Final Exam

20%

- Final Exam - Gillian-Barre/Myasthenia Gravis, OSA, Near Drowning, Smoke Inhalation, Thermal Injuries, CO Intoxication, and previously covered material)

A written final examination will be administered during the scheduled finals week. It will be comprehensive for the entire semester classes.

Remediation

Any student failing an exam (<70%) is strongly encouraged to make an appointment for remediation. It is the responsibility of the student to email the instructor within 24 hours of the exam to establish a date/time.

Clinical Simulations

Practice clinical simulations and simulation tests will be assigned for each unit. It is the responsibility of the student to complete the simulations by the due date. The use of clinical simulation will help prepare students for the board exam clinical simulation.

A written final examination will be administered during the scheduled finals week. It will be comprehensive for the entire semester classes.

Each student is expected to take exams as scheduled. If an exam is missed for any reason, the student must take the exam on the student's first day back on campus or a grade of "0" will be recorded for the missed exam. Ten percent will automatically be deducted from the make-up exam score. No more than two exams per semester may be made-up (for each course). Exams may not be taken early in any class.

Final exams must be taken at the scheduled time without exception.

All final exams must be taken to proceed within the respiratory care program.

Grading Standards:

- A 90-100%
- B 80-89%
- C 70-79%
- F <69%

Attendance:

Your attendance is the biggest predictor of your success. Attendance at every class is expected. Attendance will count for 5% of the final grade.

Student Contributions, Responsibilities and Class Policies:

Each student will spend at least 4 hours per week preparing for class. Attendance is critical in this class. The college attendance policy will be followed.

Class Policies

All classroom performance and behavior will be considered academic.

Advising

Any student that scores below a 70 on an exam is responsible for emailing the instructor and scheduling an advising session within 24 hours of the exam review.

Make Up exam Policy

Each student is expected to take exams as scheduled. If an exam is missed for any reason, the student must take the exam on the student's first day back on campus or a grade of "0" will be recorded for the missed exam. Ten percent will automatically be deducted from the make-up exam score. No more than two exams per semester may be made-up (for each course). Exams may not be taken early in any class.

All personal communication devices are to be placed on silence/vibrate during class time. If you must answer your device, please leave the immediate area.

No personal communication devices allowed in testing areas.

Scholastic Dishonesty and Academic Misconduct

The Midland College Policy will be followed.

Assignments

Assignments will consist of three (3) SOAP assignments and Clinical Simulations. SOAP assignments are to be completed and turned in by the assigned due date. Clinical simulations are to be completed by the due date on the classmateLR web link.

Course Schedule:

Instructor will provide a tentative schedule.

Division Information:

Division Chairman: Miranda Poage, PhD

Division Office Location and Telephone: 208, 685-4600

Students are encouraged to contact the instructor at any time; however, making an appointment will guarantee the instructor's availability at a specific time.

Licensure Eligibility Notification

Completion of Midland College degrees and/or certificates does not guarantee eligibility to take a certification/registry/licensure examination. The eligibility of each person is determined on an individual basis by the regulatory body of the specific discipline. If you have a conviction of a crime other than a minor traffic violation, physical or mental disability/illness, hospitalization/treatment for chemical dependency within the past five years, current intemperate use of drugs or alcohol or a previous denial of a licensure or action by a licensing authority, you will need to contact the specific regulatory body for an individual ruling. Some programs require a criminal background check and urine and drug screen.

AMERICANS WITH DISABILITIES ACT (ADA) Statement:

Midland College provides services for students with disabilities through Student Services. In order to receive accommodations, students must visit www.midland.edu/accommodation and complete the Application for Accommodation Services located under the Apply for Accommodations tab. Services or accommodations are not automatic, each student must apply and be approved to receive them. All documentation submitted will be reviewed and a “Notice of Accommodations” letter will be sent to instructors outlining any reasonable accommodations.

NON-DISCRIMINATION STATEMENT:

Midland College does not discriminate on the basis of race, color, national origin, sex, disability or age in its program and activities. The following individuals have been designated to handle inquiries regarding the non-discrimination policies:

Wendy A. Kane

Dean of Student Life

Midland College

Title IX Coordinator/Compliance Officer

3600 N. Garfield, SSC 131

Midland, TX 79705

(432) 685-4781

Title9@midland.edu

For further information on notice of non-discrimination, visit the ED.gov Office of Civil Rights website, or call 1 (800) 421-3481.