

**Midland College
Master Syllabus
RSPT 2130
Examination Preparation
Lecture/Lab**

Course Description:

This course is a comprehensive review to optimize respiratory care credentialing exam success.

End-Of-Course Outcomes:

Recall, apply, and analyze concepts and theories in respiratory therapy.

Text, References, and Supplies:

Required:

Persing, *Respiratory Care Exam Review, Review for the Entry Level and Advanced Exams*, 4th Edition. Elsevier. 2016.

Recommended:

Heuer, *The Comprehensive Respiratory Therapy Preparation Guide*, 4rd Edition. Jones and Bartlett Learning. 2020.

Chang, *Clinical Application of Mechanical Ventilation*. 2nd Edition. Delmar. 2001.

Kacmarek, *The Essentials of Respiratory Care*, 4th Edition. Mosby. 2005

Heuer, *Wilkins' Clinical Assessment in Respiratory Care*, 7th Edition. Mosby. 2014

Kacmarek, *Egan's Fundamentals of Respiratory Care*, 11th Edition. Mosby. 2017.

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.

Disclaimer:

The instructor reserves the right to make modifications to this course throughout the semester.

Students Learning Outcomes and Core Competencies:

Upon successful completion of the course the student should be able to:

Identify strengths and improve weaknesses regarding the material covered.

The **Persing text will be used the first 6 weeks and Lindsey Jones University (and other resources selected by the instructor)** will be utilized for mock testing.

1. Pretest and review Oxygen and Medical Gas Therapy
2. Demonstrate an improved score on the Medical Gas Therapy post test
3. Pretest and review Humidity and Aerosol
4. Demonstrate an improved score on the Humidity and Aerosol post test
5. Pretest and review Assessment of the Cardiopulmonary Patient
6. Demonstrate an improved score on the Assessment of the Cardiopulmonary Patient post test
7. Pretest and review Management of the Airway
8. Demonstrate an improved score on the Management of the Airway post test
9. Pretest and review Special Respiratory Care Procedures to include bronchoscopy and chest tube drainage systems
10. Demonstrate an improved score on the Special Respiratory Care Procedures to include bronchoscopy and chest tube drainage systems post test
11. Pretest and review Cardiopulmonary Resuscitation Techniques
12. Demonstrate an improved score on the Cardiopulmonary Resuscitation Techniques post test
13. Pretest and review Hyperinflation Therapy
14. Demonstrate an improved score on the Hyperinflation Therapy post test
15. Pretest and review Bronchopulmonary Hygiene Techniques
16. Demonstrate an improved score on the Bronchopulmonary Hygiene Techniques post test
17. Pretest and review Cardiac Monitoring
18. Demonstrate an improved score on the Cardiac Monitoring post test
19. Pretest and review ABG interpretation
20. Demonstrate an improved score on the ABG interpretation post test
21. Pretest and review Ventilator Management
22. Demonstrate an improved score on the Ventilator Management post test
23. Pretest and review Disorders of the Respiratory System
24. Demonstrate an improved score on the Disorders of the Respiratory System post test
25. Pretest and review Neonatal/Pediatric Respiratory Care
26. Demonstrate an improved score on the Neonatal/Pediatric Respiratory Care post test
27. Pretest and review Respiratory Medications
28. Demonstrate an improved score on the Respiratory Medications post test
29. Pretest and review Respiratory Home Care
30. Demonstrate an improved score on the Respiratory Home Care post test
31. Pretest and review Pulmonary Function Testing
32. Demonstrate an improved score on the Pulmonary Function Testing post test
33. Pretest and review Equipment Decontamination and Infection Control
34. Demonstrate an improved score on the Equipment Decontamination and Infection control post test

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.

All classroom performance and behavior will be considered academic.

Evaluation of Students:

Following a review of material in class, there will be quizzes weekly covering the reading assignment. These weekly quizzes will count for 30% of the grade. The **MIDTERM** exam (which will be Therapist Multiple Choice Self-Assessment Exams) will count for 25% of the grade. The **FINAL** exam (which will be Therapist Multiple Choice Self-Assessment Exams) will count for 25% of the grade. Clinical Simulations will count for 10%. Attendance will count for 10%.

Course Schedule:

A tentative class schedule will be distributed to the class by the instructor.

Division Information:

Division Chairman: Miranda Poage, PhD

Division Office Location and Telephone: 208, 685-4600

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.

Office Telephone: (432) 685-5549

E-Mail Address: keddison@midland.edu

Office Hours: Monday/Friday clinical 9-11:30; Tuesday/Thursday 9-12; 1-3

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.