

**Midland College**  
**Syllabus**  
**RSPT 2130**  
**Examination Preparation**  
**Lecture/Lab**  
**(0-2-0)**

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**Course Description:**

This course is a comprehensive review for selected respiratory care credentialing examinations. Test matrices and exam content areas for selected exams will be presented.

**Text, References, and Supplies:**

Required:

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

**Scanlan, *The Comprehensive Respiratory Therapy Preparation Guide*, 3rd Edition. Jones and Bartlett Learning. 2019.**

Recommended:

Chang, *Clinical Application of Mechanical Ventilation*. 2<sup>nd</sup> Edition. Delmar. 2001.

Kacmarek, *The Essentials of Respiratory Care*, 4<sup>th</sup> Edition. Mosby. 2005

Heuer, *Wilkins' Clinical Assessment in Respiratory Care*, 7<sup>th</sup> 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.**

**Course Goals/ Objectives:**

Upon successful completion of the course the student should be able to:  
Identify strengths and improve weaknesses regarding the material covered.

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 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.**

**Grading:**

Following a review of material in class, there will be test weekly covering the reading assignment. These weekly tests will count for 50% of the grade. The **MIDTERM** and **FINAL** exams (which will be Therapist Multiple Choice Self-Assessment Exams) will each count for 25% of the grade.

**Course Schedule:**

A class calendar will be distributed to the class by the instructor. This class will meet for two lab hours each week, Wednesday 8:00 – 10:00 AM.

**AMERICANS WITH DISABILITIES ACT (ADA):**

The Americans With Disabilities Act (ADA) and Section 504 of the Rehabilitation Act require that no otherwise qualified person with a disability be denied access to, or the benefits of, or be subjected to discrimination of any program or activity provided by an institution or entity receiving federal financial assistance. It is this Section 504 mandate that has promoted the development of disability support service programs in colleges and universities across the country. Sub-part E of Section 504 deals specifically with this mandate for institutions of higher education.

While it does not require development of special educational programming, for students with disabilities, it does require that an institution (public or private) be prepared to make appropriate academic adjustments and reasonable accommodations to allow the full participation of students with disabilities in the same programs and activities available to non-disabled students. Disabilities may include things such as physical/mobility problems such as paralysis or academic problems like learning disabilities. Some examples of accommodations are extra time for tests, testing in a quiet location, and providing architectural access to buildings.

Midland College provides services for students with disabilities through Student Services. In order to receive accommodations, students must place documentation on file with the Counselor/Disability Specialist. Students with disabilities should notify Midland College prior to the beginning of each semester. Student Services will provide each student with a letter outlining any reasonable accommodations. The student must present the letter to the instructor at the beginning of the semester.

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

**Tana Baker, Title IX Coordinator/Compliance Officer, 3600 N. Garfield, SSC 242, Midland, TX 79705, (432) 685-4781, [tbaker@midland.edu](mailto:tbaker@midland.edu);**

**Natasha Morgan, Director Human Resources/Payroll, 3600 N. Garfield, PAD 104, Midland, TX 79705, (432) 685-4534, [nmorgan@midland.edu](mailto:nmorgan@midland.edu).** For further information on notice of non-discrimination, visit <http://wdcrocolp01.ed.gov/CFAPPS/OCR/contactus.cfm> or call 1 (800) 421-3481.

**Spanish**

Midland College no discrimina por motivos de raza, color, nacionalidad, sexo, discapacidad, o edad en sus programas o actividades. Las siguientes personas han sido designadas para responder a cualquier pregunta o duda sobre estas políticas no discriminatorias:

**Tana Baker, Title IX Coordinator/Compliance Officer, 3600 N. Garfield, SSC 242, Midland, TX 79705, (432) 685-4781, [tbaker@midland.edu](mailto:tbaker@midland.edu);**

**Natasha Morgan, Director Human Resources/Payroll, 3600 N. Garfield, PAD 104, Midland, TX 79705, (432) 685-4534, [nmorgan@midland.edu](mailto:nmorgan@midland.edu).** Para más información sobre estas políticas no discriminatorias , visite <http://wdcrobcop01.ed.gov/CFAPPS/OCR/contactus.cfm> o llame al 1 (800) 421-3481.

**Division  
Information**

Division Chairman: Dr. Carmen Edwards, DNP, MSN, RN  
Division Secretary: Karen Harris, CPS  
Division Office Location: 206 DFHS  
Telephone:, 685-4600 or 685-4799  
Program Chair: Bob Weidmann, MEd, RRT-NPS, RPFT, RCP  
Program Office Location: AMS A34  
Program Office Telephone: (432) 685-5549

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.