**Midland College**  
Syllabus  
RSPT 2130  
Respiratory Care Examination Preparation (0-2-0)

**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:**


**Recommended:**


**Student Learning Outcomes:**

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, Responsibilities and Class Policies:

Each student will spend at least 4 hours per week preparing for class. Attendance is critical in this class. All clinical performance and behavior will be considered academic.

Evaluation of Students:

Following a review of material in class, there will be a 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, Wednesdays 09:00 am to 10:00 am.

Americans with Disabilities Act (ADA):

Any student who, because of a disabling condition, may require some special arrangements in order to meet course requirements should contact the Shep Grinnan as soon as possible. Mr. Grinnan's office is located in the Scharbauer Student Center Building. These conditions may include documented physical or educational disabilities. Please be aware that services or accommodations are not automatic. Each student must request them and secure the proper authorizations/documentation.

Division Information: Health Sciences
<table>
<thead>
<tr>
<th>Role</th>
<th>Name</th>
<th>Title</th>
<th>Building</th>
<th>Room</th>
<th>Phone</th>
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<tbody>
<tr>
<td>Division Dean</td>
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<td>Program Chair</td>
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<td>Division Secretary</td>
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