

Midland College  
Syllabus  
RSPT 1325  
Respiratory Care Sciences  
(3-1-0)  
Lecture

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### Course Description

This course will provide a study of cardiopulmonary sciences, physics, math, and chemistry.

### Textbook

Wojciechowski, Respiratory Care Sciences. 5<sup>th</sup> edition. Delmar. 2015

### Objectives

Upon successful completion of the course the student will:

1. Setup and solve problems using the concepts of basic math.
2. Demonstrate the fundamental knowledge of physics as it relates to the health care field.
3. Demonstrate a fundamental knowledge of chemistry as it related to the health care field.
4. Demonstrate a fundamental knowledge of Microbiology as it relates to the healthcare field.

### Attendance

Three (3) consecutive hours of unexcused absences or a total of six (6) hours of unexcused absences may result in a student being withdrawn with a grade of 'W'.

For qualifications as an excused absence, it is the obligation of the student to notify the instructor as soon as is practical in advance of the class period. If the instructor is not available leave a message.

### Personal Communication Devices

Cell phone interruptions are disrespectful in the classroom and should be placed in the silence/vibrate mode during class time. If you must answer or make a phone call please excuse yourself from the classroom. Absolutely no personal communication devices are allowed in the testing areas.

All classroom performance and behavior will be considered academic.

### Evaluation of Students

A minimum of four (4) tests will be given including a comprehensive final (unless otherwise designated by the instructor). You will be expected to complete any and all assignments given throughout the semester. Test questions will come from lecture, reading assignments and homework assignments.

### Grading Breakdown

Item	Percent of Final Grade
Exams	70%
Attendance	10%
Final Exam	20%
Total	100%

If an exam is not completed at the discussed time the option for extra credit is lost.

### Make-up Work

Make-up work of any nature is at the option and discretion of the instructor. Expect not to make up any work unless it is discussed beforehand. You may use the grade made on the final exam to replace a single exam grade. To use this option a note must be written to the instructor prior to the final exam.

### Class Schedule

The class will meet Monday and Wednesday from 0800 – 0950.

### Students with Disabilities

Midland College provides services for student 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 program and activities. The following individuals have been designated to handle inquiries regarding the non-discrimination policies:

#### **Tana Baker**

Title IX/504 Coordinator and Compliance Officer  
 3600 N. Garfield, SSC 242  
 Midland, TX 79705  
 (432) 685-4781  
[tbaker@midland.edu](mailto:tbaker@midland.edu)

Or

#### **Natasha Morgan**

Human Resources/Payroll Director  
 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 the Office of Civil Rights website at <https://wdcrobcop01.ed.gov/CFAPPS/OCR/contactus.cfm> for the address and phone number of the office that serves your area or call 1-800-421-3481.

### **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.