Midland College  
Syllabus  
Fall 2008  
RSPT 1425  
Respiratory Care Sciences  
(4-1)  
Lecture

Course Description: This course will provide a study of cardiopulmonary sciences including physics, math, chemistry, and statistics.

Text, References, and Supplies: Textbook


Course Goals/Objectives: Upon successful completion of the course the student will:

1. Explain the basic concepts of mathematics to include fractions, decimals, percentages, ratios and proportions.
2. Set up and solve problems using the concepts of basic mathematics as described in objective #1.
3. Demonstrate a fundamental knowledge of physics as it relates to the health care field.
4. Demonstrate a fundamental knowledge of chemistry as it relates to the health care field.

Student Contributions and Class Policies: Three (3) consecutive hours of unexcused absences or a total of six (6) hours unexcused absences may result in a student being withdrawn with a grade of "W".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 that class period. If the instructor is not available, leave a message with the Health Sciences Secretary at 685-4601 between 8:00 a.m. and 5:00 p.m.

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.

1. Exams 40%  
2. Homework/Quiz 40%  
3. FINAL 20%  
TOTAL 100%

MAKE-UP WORK

Make-up work of any nature is at the option and discretion of the instructor. A single comprehensive exam (not the final) will be given at the end of the semester for make up of one exam. This comprehensive test can also be used in place of the lowest exam (student's option). No make up will be given for quizzes. Late work will be counted off 50%.
Course Schedule:
The class will meet Monday and Wednesday from 8:00 a.m. - 9:50 a.m.

SCANS Information:
The following SCANS skills are taught and/or reinforced in this course:

**Foundation**

*Basic Skills:* reading; writing; arithmetic/mathematics; listening; speaking

*Thinking Skills:* creative thinking; decision making; problem solving; seeing things in the mind’s eye; knowing how to learn; reasoning

Instructor Information:

Name: Stan Middleton, BS, RRT, RPFT, AE-C, RCP
Office Location: A 31 MS
Office Telephone: 915/685-5570
E-Mail Address: stanm58@yahoo.com
Office Hours: As posted
Division Chairman and Division Secretary Names: Becky Hammack and Kay Floyd
Division Office Location and Telephone: 209 HS, 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.
The above named course syllabus has been received by and explained to me. I have read, understand and will adhere to the same.

__________________________________________   ________________________________
Student's Signature                        Date

This sheet must be returned to your instructor by the end of the first week of class.