RES 150T.01: Respiratory Care Laboratory I

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COURSE NUMBER AND TITLE: RES 150T  Respiratory Care Laboratory I

DATE REVISED:  Fall 2006

SEMESTER CREDITS:  1

CONTACT HOURS PER SEMESTER:
   Lecture hours per week:  0
   Lab hours per week:  3

PREREQUISITE:  Completion of Health Care Core Requirements, Acceptance into Respiratory Care Program

FACULTY:

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Adjunct Faculty:
Colleen Holmquist, RRT

RELATIONSHIP TO PROGRAMS:
This course provides hands-on experience for students to apply cognitive knowledge from RES 131T to simulated hospital experiences. Psychomotor skills are used to prepare the student for clinical hospital experience.

COURSE DESCRIPTION:
Basic clinical competencies taught in RES 131T are studied in a laboratory setting. Peer and instructor review are included. Students will earn their BLS certification.
STUDENT PERFORMANCE OUTCOMES:
Upon completion of this course, the student will be able to:

1. Exhibit unambiguous goal-directed communication for medical gas therapy, drug therapy, lung expansion and bronchial hygiene therapy.
2. Prepare equipment for the most commonly used methods for: humidity and aerosol therapy, bronchial hygiene therapy, medical gas therapy and drug therapy.
3. Demonstrate effective infection control techniques.
4. Handle medical gas cylinders safely and effectively.
5. Perform airway clearance techniques.
6. Demonstrate proper usage of pulse oximeter.
7. Complete BLS certification.

METHODS OF INSTRUCTION:
Demonstrations and laboratory participation.

STUDENT ASSESSMENT METHODS AND GRADING PROCEDURES:

**GRADING SCALE**

<table>
<thead>
<tr>
<th>Grade</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>4.00</td>
</tr>
<tr>
<td>A-</td>
<td>3.67</td>
</tr>
<tr>
<td>B+</td>
<td>3.33</td>
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<tr>
<td>B</td>
<td>3.00</td>
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<td>C</td>
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<td>C-</td>
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<td>D</td>
<td>1.33</td>
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<tr>
<td>D-</td>
<td>1.00</td>
</tr>
<tr>
<td>F</td>
<td>0.00</td>
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</tbody>
</table>

A = 4.00 95-100%  
A- = 3.67 90-94% 
B+ = 3.33 87-89%  
B = 3.00 84-86%  
C = 2.00 74-76%  
C- = 1.67 70-73%  
D+ = 1.33 67-69%  
D = 1.00 67-69%  
D- = .067 60-63% 
F = 0.00

Students in Respiratory Care program must have a “B-” final grade in order to progress within the program. Test questions will be based on unit objectives. Unit objectives are to be used as study guides.

PROFICIENCY EVALUATIONS:
Evaluation is based upon the following:
1. Completion of PEER check-offs listed in the laboratory exercise.
2. Laboratory quizzes and Final Written Exam.

METHODS TO IMPROVE COURSE:
Student evaluation and respiratory faculty assessment of course content.

ATTENDANCE:
Class attendance is an integral part of this course. The test dates are included in the syllabus. Pop quizzes will be given randomly throughout the semester. Failure for the quizzes will result in a zero being recorded and used in computing your average.
OTHER POLICIES:

ACADEMIC MISCONDUCT: All students must practice academic honesty. Academic misconduct is subject to an academic penalty by the course instructor and/or a disciplinary sanction by the University.

All students need to be familiar with the Student Conduct Code. The Code is available for review online at http://www.umt.edu/SA/VPSA/index.cfm/page/1321.

DISABILITIES:
Eligible students with disabilities will receive appropriate accommodations in this course when requested in a timely way. Please speak with me after class or in my office. Please be prepared to provide a letter from your DSS Coordinator.

CELL PHONES/PAGERS:
Due to an increasing number of students who own and use cell phones and pagers, it has become necessary to institute a policy regarding these tools during class times. As you are aware, these tools are distracting to an entire class. However, some students require them for business which allows them to further their education. Please follow these guidelines:
1. If the cell phone/pager is not business or emergency related, please turn it off.
2. Use the vibrating option on your pager.
3. Do not listen to the messages in class. Leave class quietly.
4. **CELL PHONES AND PAGERS MUST BE TURNED OFF DURING EXAM AND CLASS PRESENTATIONS.**

SEATING:
Many classrooms have chairs to accommodate persons with disabilities. These chairs will display the international disability symbol and are assigned to a particular student. Please refrain from using these chairs or making adjustments to them unless the chair is assigned to you. If you think you may have the need for a specific chair, please contact Disability Student Services. Thank you for your cooperation.

TEST/QUIZ MAKEUP:
Make-up exams and lab experiences will only be given under extreme circumstances and then only if:
   a) permission is granted in advance by the course instructor, or
   b) a written excuse is provided by a medical doctor. The burden of proof is on the student, so you must document and prove a justifiable absence. Not following this procedure prior to the exam will automatically result in a zero score being recorded. Missed tests need to be made up within one week of the original date given. You are responsible for contacting the Academic Support Center to schedule the make-up. Failure to do so will result in a **ZERO** grade for the missed test.
The faculty senate guidelines concerning the issuance of incomplete grades will be followed. Attention to critical dates such as P/NP. drop, etc. is in the responsibility of the student. Students wishing to drop the class after the drop deadline will need a documented justifiable reason for doing so. Dropping the class for fear of bad grade or to protect a GPA are not justifiable reasons. The principles embodied in the Student Handbook Code will be adhered to in this course.

Pop quizzes will be given randomly throughout the semester. Failure to be present for the quizzes will result in a zero being recorded and used in computing your average. It is the expectation that homework will be turned in when due. If you are not present, it is your responsibility to see that it is in my mailbox by 4:00 p.m. on the due date or a zero will be recorded and used in computing your average.