Course Description:

In this course the student will study basic pharmacological principles/practices of respiratory care drugs. Emphasis will be on classification, routes of administration, dosages/calculations and physiological interaction.

Text, References and Supplies:


Student Learning Outcomes:

Upon successful completion of the course the student will:

1. Define basic pharmacology terms
2. Discuss drug legislation
3. Identify and use acceptable drug references
4. Demonstrate four ways to find drugs in the PDR
5. Differentiate from generic name and manufacturer name
6. Calculate drug dosages
7. Describe function of the nervous system
8. List different parts of the central and peripheral nervous system
9. Describe various drug administration routes
10. List drug classifications used in respiratory care
11. List the actions of each drug classification
12. List the dosages of each drug specified
13. List the hazards of each drug classification
14. List the routes of administration of each drug
15. List clinical uses of each drug classification
16. Identify by label, color, bottle or vial different medications
17. Prepare selected medications
18. Administer respiratory care drugs to patients
19. Observe results of medication
20. Prepare an asthma project

Student Contributions, Responsibilities and Class Policies:

The student agrees to devote time, study and work toward the mission of the course.
1. Three (3) consecutive hours of unexcused absences or a total of six (6) hours unexcused absences may result in a student receiving an “F” in the course.

2. For an absence to qualify as excused, it is the obligation of the student to notify the instructor as soon as practical in advance of that class period. If the instructor is not available, leave a message with the Health Sciences Division Secretary at 432-685-4600 between 8:00 am and 5:00 pm.

3. All classroom performance and behavior will be considered academic.

**Evaluation of Students:**

A minimum of three (3) test will be given (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. **Absolutely no personal communication devices are allowed in testing areas**

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<thead>
<tr>
<th>Requirement</th>
<th>Weight</th>
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<tbody>
<tr>
<td>Exams</td>
<td>70%</td>
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<tr>
<td>Attendance</td>
<td>10%</td>
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<tr>
<td>Asthma Project</td>
<td>20%</td>
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<tr>
<td><strong>Total</strong></td>
<td><strong>100%</strong></td>
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If an exam is not completed at the discussed time the option for extra credit is lost. **No make-up work allowed.**

**Course Schedule:**

The class will meet Monday and Wednesday 8:00 am to 9:00 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

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<tr>
<th>Role</th>
<th>Name</th>
<th>Location</th>
<th>Phone</th>
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<tbody>
<tr>
<td>Division Dean</td>
<td>Carmen Edwards, DNP, MSN, RN</td>
<td>DFHS Bldg. RM 234</td>
<td>432-686-4822</td>
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<tr>
<td>Program Chair</td>
<td>Bob Weidmann, BS, RPFT, RRT-NPS, RCP</td>
<td>AMS Bldg. RM A 34</td>
<td>432-685-5549</td>
</tr>
<tr>
<td>Division Secretary</td>
<td>Kay Floyd</td>
<td>DFHS Bldg. RM 206</td>
<td>432-685-4600</td>
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