Course Description:

This is a health-related work-based learning experience that enables the student to apply specialized occupational theory, skills and concepts. Direct supervision is provided by the clinical professional. Clinical education is an unpaid learning experience. Prerequisites: RSPT 1360.

Text, References and Supplies:


Student Learning Outcomes:

Upon successful completion of the course the student will:

1. Explain intubation criteria
2. Explain mechanical ventilation criteria
3. Perform endotracheal intubation
4. Perform mechanical ventilation
5. Record patient parameters
6. Record ventilator parameters
7. Assess ventilator patient
8. Describe CPAP
9. Describe IMV
10. Describe SIMV
11. Describe Optimum PEEP
12. Describe optimum tidal volume ($V_t$)?
13. Transport ventilator patient
14. Demonstrate arterial puncture
15. Demonstrate arterial line use
16. Analyze blood gases
17. Interpret blood gas results
18. Describe blood gas QC
19. Perform basic spirometry
20. Analyze Pulmonary Function Test (PFT) results
21. Complete competency evaluations
22. Present case study
23. Submit 4 abstracts

Student Contributions, Responsibilities and Class Policies:

Each student will spend at least 6 hours per week preparing for class. Attendance is critical in this class. All classroom performance and behavior will be considered academic. A tardy results from being more than (15) fifteen minutes late. An absence results from being more than (30) thirty minutes late or leaving the clinical facility without proper authorization from the Clinical Instructor or not being present at all. The student is responsible for notifying the clinical site and clinical instructor if the student is going to be absent. Two tardies will also equal an absence. Students are not required to use the (1) one allowed absence and are strongly encouraged to use it wisely and toward the end of the semester in case extenuating circumstances should arise. Extenuating circumstances should be brought to the attention of the faculty as soon as possible. After using the allowed absences the equivalent percentage of final grade reductions is as follows:

<table>
<thead>
<tr>
<th>Absence</th>
<th>1st</th>
<th>2nd</th>
<th>3rd</th>
<th>4th</th>
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<tbody>
<tr>
<td>Tardy</td>
<td>5%</td>
<td>5%</td>
<td>5%</td>
<td>5%</td>
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All classroom performance and behavior will be considered academic. In the clinical agency students should adhere to the guidelines outlined by the agency during orientation. Students may not bring children to the clinical agency at any time. Students are to park in designated areas only. Students should be in the clinical agency only when supervised or with the permission of their instructor. In those instances, students should adhere strictly to agency guidelines in terms of chart review, cell phone usage, visiting with patients and proper attire. Students may not use cell phones in the clinical setting. All personal communication devices must be set on silence during clinical. Students are subject to all policies regarding drugs, alcohol and criminal background checks of assigned clinical facilities, including drug screening prior to starting a clinical rotation and random drug testing. In general it is expected that students remain at the clinical agency or facility for the entire time period assigned. Students should not expect to run personal errands or otherwise leave the clinical site during scheduled meal times or breaks. Emergency requests are granted at the discretion of the instructor and no student shall leave the clinical site without the instructor’s approval prior to leaving.

Evaluation of Students:

1. Tasks completed/competency evaluations 70%
2. Participation and attitude 10%
3. Behavior 10%
4. Case Study 10%
Total 100%

Course Schedule:

The class will meet on Tuesday and Thursday from 0545 hours to 1400 hours.

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>Building</th>
<th>Phone</th>
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<tbody>
<tr>
<td>Division Dean:</td>
<td>Carmen Edwards, DNP, MSN, RN</td>
<td>210 DFHS Bldg.</td>
<td>432-686-4822</td>
</tr>
<tr>
<td>Program Chair:</td>
<td>Bob Weidmann, BS, RPFT, RRT-NPS, RCP</td>
<td>A 34 AMS Bldg.</td>
<td>432-685-5549</td>
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<tr>
<td>Division Secretary:</td>
<td>Kay Floyd</td>
<td>206 DFHS Bldg.</td>
<td>432-685-4600</td>
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