

Course Competency

RET 1024L INTRODUCTION TO RESPIRATORY CARE LABORATORY

Course Description

Laboratory for RET 1024. Corequisite: RET 1024. Laboratory fee. (2 hr. lab)

Course Competency	Learning Outcomes
<p>Competency 1: The student will demonstrate key concepts of patient safety and ethics and be able to apply these concepts as they relate to respiratory care by:</p>	<ol style="list-style-type: none"> 1. Communication 2. Numbers / Data 3. Critical thinking 4. Information Literacy 5. Ethical Issues
<ol style="list-style-type: none"> 1. Demonstrating lifting of objects while using proper body mechanics 2. Demonstrating the method to safely turn patients in bed from side to side, move them toward the head of the bed, with and without assistance, and move them from a bed to a stretcher 3. Demonstrating operation of fire extinguisher 	
<p>Competency 2: The student will demonstrate a variety of infection control procedures in order to prevent the spread of infection within the healthcare setting by:</p>	<ol style="list-style-type: none"> 1. Communication 2. Critical thinking 3. Information Literacy
<ol style="list-style-type: none"> 1. Demonstrating technique to properly wash hands according to CDC guidelines and to apply an alcohol-based hand sanitizer 2. Demonstrating technique to properly don and remove personal protective equipment (mask, goggles, gown, and gloves) according to CDC guidelines 3. Demonstrating technique to demonstrate when to apply standard and transmission-based precautions 	

<p>4. Describing with how contaminated respiratory equipment is processed (e.g., cleaning, disinfection, sterilization) as well as demonstrate proper handling of biohazardous materials</p>	
<p>Competency 3: The student will demonstrate performance of a basic physical examination by:</p>	<ol style="list-style-type: none"> 1. Communication 2. Numbers / Data 3. Critical thinking 4. Information Literacy
<ol style="list-style-type: none"> 1. Demonstrating performance of a basic physical examination inclusive of the following: <ol style="list-style-type: none"> 1. Patient interview to assess 2. Level of consciousness and orientation, emotional state, and ability to cooperate 3. Level of pain 4. Presence of dyspnea, sputum production, and exercise tolerance 5. Smoking history 6. Environmental exposures 7. Activities of daily living 8. Learning needs 9. Literacy 10. Culture 11. Preferred learning style 12. Evaluation of the patient's general appearance 13. Measure and/or evaluate vital signs 14. Heart rate 15. Respiratory rate 16. Pulse oximetry 17. Blood pressure 18. Temperature 19. Examination of the head and neck 20. Mucous membranes of mouth and eyes 21. Purse-lip breathing 22. Cough 23. Sputum production 24. Accessory muscle usage 25. Tracheal deviation 26. Jugular vein distension 27. Examination of the thorax and lungs 28. Ventilatory pattern 29. Retractions 30. Chest configuration 31. Thoracic expansion 32. Breath sounds 33. Palpation 34. Percussion 35. Examination of the extremities 36. Skin temperature 37. Digital clubbing 38. Capillary refill 39. Pedal edema 40. Cardiac examination – heart sounds 	
<p>Competency 4: The student will demonstrate documentation of respiratory care notes in the patient's medical record by:</p>	<ol style="list-style-type: none"> 1. Communication

	<ol style="list-style-type: none"> 2. Numbers / Data 3. Critical thinking 4. Information Literacy 5. Computer / Technology Usage
<ol style="list-style-type: none"> 1. Demonstrating documentation of patient assessment and respiratory care interventions using the SOAP format 2. Demonstrating documentation of patient assessment and respiratory care interventions using a narrative format 3. Demonstrating documentation of patient assessment and respiratory care interventions using a flow sheet format 	
<p>Competency 5:The student will demonstrate the roll of the respiratory therapist in educating patients about their cardiopulmonary diseases and techniques for treatment by:</p>	<ol style="list-style-type: none"> 1. Numbers / Data 2. Critical thinking 3. Information Literacy 4. Cultural / Global Perspective 5. Social Responsibility 6. Ethical Issues 7. Aesthetic / Creative Activities
<ol style="list-style-type: none"> 1. Identifying and demonstrating technique to properly address the patient’s learning needs 2. Identifying and demonstrating technique to effective patient education that addresses the cognitive, affective, and psychomotor domains of the patient 3. Identifying and demonstrating technique to evaluate the effectiveness of patient education using at least 2 methods 4. Creating and demonstrating a quality Patient and Family Education: Smoking Cessation Project 	

Updated: FALL TERM 2022