

SPRINGFIELD TECHNICAL COMMUNITY COLLEGE

ACADEMIC AFFAIRS

Course Number: RSPC 205 Department: Respiratory Care

Course Title: Respiratory Care 2 Semester: Spring Year: 1997

Objectives/Competencies

Course Objective	Competencies
1. The student should be able to provide humidity and Aerosol therapy.	1. Understand the indications for humidity therapy. 2. Understand the indications for aerosol therapy. 3. Understand the terms and concepts relating to humidity and aerosol therapy.
2. The student should understand humidity and aerosol generators and devices.	1. Administration humidity therapy and understand its application. 2. Administer nebulizer therapy and understand its application. 3. Deliver medication through nebulizers.
3. The student should be able to coach patients in breathing techniques.	1. Evaluate particle distribution in the airways. 2. Coach the patient for proper breathing techniques.
4. The student should be able to assess the equipment used in the patient care plan.	1. Examine data for patient evaluation 2. Use equipment appropriately 3. Maintain patient records 4. Evaluate patient's cough and sputum production.

Course Objective	Competencies
<p>5. The student should be able to provide intermittent positive pressure breathing therapy.</p>	<ol style="list-style-type: none"> 1. Describe IPPB 2. Give indications and contraindications of IPPB 3. Give a treatment using IPPB 4. Adjust the IPPB equipment for each patient 5. Assess patients using IPPB 6. Troubleshoot IPPB equipment
<p>6. The student should be able to teach patient techniques for strengthening inspiratory muscles.</p>	<ol style="list-style-type: none"> 1. Perform various procedures to make patients' breathing more effective. 2. Use current equipment for teaching deep breathing. 3. Coach the patient using Incentive Spirometers. 4. Evaluate Positive Expiratory Pressure Therapy. 5. Apply PEP therapy to the patient. 6. Assess patients' response to different maneuvers to help the patient to strengthen inspiratory muscles.
<p>7. The student should be able to follow established infection control procedures to prevent nosocomial infections.</p>	<ol style="list-style-type: none"> 1. Practice proper hand washing 2. Practice universal precautions 3. Practice patient isolation procedures 4. Learn different methods for respiratory equipment decontamination
<p>8. The student should be able to perform Chest Physical Therapy procedures.</p>	<ol style="list-style-type: none"> 1. Understand indications for CPT 2. Understand contraindications for CPT 3. Evaluate the patient for CPT 4. Position patients for CPT

Course Objective	Competencies
<p>9. The student should be able to suction a patient's airway.</p>	<ol style="list-style-type: none"> 5. Perform CPT on patients 6. Use different equipment for CPT 7. Assess the patient for CPT 1. Understand different suctioning devices 2. Use different suctioning devices 3. Perform suctioning procedures 4. Assess the patient for suctioning procedures 5. Understand the indications and hazards of suctioning.