

SPRINGFIELD TECHNICAL COMMUNITY COLLEGE

**ACADEMIC AFFAIRS**

Course Number: RSPC 412 Department: Respiratory Care

Course Title: Respiratory Care Practicum Semester: Spring Year: 2009

**Objectives/Competencies**

<b>Course Objective</b>	<b>Competencies</b>
1. Ventilator Monitoring	<ol style="list-style-type: none"><li>1. Assess the patient.</li><li>2. Suction patient if required.</li><li>3. Remove water from tubing.</li><li>4. Monitor ventilator parameters.</li><li>5. Record on flow sheet.</li></ol>
2. Ventilator Circuit Change	<ol style="list-style-type: none"><li>1. Assemble required equipment</li><li>2. Monitor patient.</li><li>3. Follow proper procedure.</li><li>4. Test new equipment.</li><li>5. Connect the patient to ventilator.</li><li>6. Record data.</li></ol>
3. Electrocardiograms (ECG)	<ol style="list-style-type: none"><li>1. Perform ECG with proper equipment.</li><li>2. Monitor ECG tracings.</li><li>3. Functions of monitoring systems.</li></ol>
4. Arterial line sampling	<ol style="list-style-type: none"><li>1. Assemble required equipment</li></ol>

Course Objective	Competencies
5. Hemodynamic monitoring	<ul style="list-style-type: none"> <li>2. Follow proper procedure.</li> <li>1. Perform a general inspection of the patient.</li> <li>2. Observe insertion of CVP line.</li> <li>3. Observe insertion of Swan-Ganz catheter.</li> <li>4. Assist with monitoring of various equipment.</li> <li>5. Observe and assist in cardiac catheter lab.</li> </ul>
6. Neonatal care	<ul style="list-style-type: none"> <li>1. Observe and assist in various procedures.</li> <li>2. Set up various equipment</li> <li>3. Delivery room observation.</li> </ul>
7. Pediatric intensive care	<ul style="list-style-type: none"> <li>1. Observe and assist in various procedures.</li> <li>2. Set up various equipment.</li> </ul>
8. Extubation	<ul style="list-style-type: none"> <li>1. Observe and assist in various procedures.</li> <li>2. Set up various equipment.</li> </ul>
9. Tracheostomy and stoma care	<ul style="list-style-type: none"> <li>1. Observe and assist in various procedures.</li> <li>2. Set up various equipment.</li> </ul>
10. Patient assessment (3)	<ul style="list-style-type: none"> <li>1. Fill out patient assessment form completely and effectively.</li> <li>2. Present information gathered regarding the patient in an organized, efficient manner.</li> <li>3. Explain diagnoses, prognoses and lot information in an organized, efficient manner.</li> </ul>