RES 232
Respiratory Therapeutics

Hours: Class 1, Lab 3, Credit 2

Pre-Requisite(s):
RES 123, RES 245, RES 275

Co-Requisite(s):
None

Course Description:
This course is a study of specialty areas in respiratory care, including rehabilitation.

Course Topics:
- Principals of ACLS
- Principals of 12-Lead ECG interpretation
- Principals of pulmonary rehabilitation
- Use of protocols, evidence-based medicine and outcomes assessment
- Principals of mass casualties and disaster management
- Assisting the physician with exercise testing, pleural procedures and bronchoscopy procedures.

Textbook(s):
Textbook information can be found on the Book Inn Web site at, www.sccsc.edu/bookstore.

Required Materials:
Students are expected to have viewed the online presentations prior to class and come to class prepared with their text.

Grading System:

<table>
<thead>
<tr>
<th>Grade</th>
<th>Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>92-100</td>
</tr>
<tr>
<td>B</td>
<td>84-91</td>
</tr>
<tr>
<td>C</td>
<td>76-83</td>
</tr>
<tr>
<td>D</td>
<td>68-75</td>
</tr>
<tr>
<td>F</td>
<td>0-67</td>
</tr>
</tbody>
</table>
The standard mathematical procedure of rounding will be applied to arrive at a whole number percentage in the final grade calculation.

A grade of “C” or higher is required to continue in the associate degree program.

**Student Learning Outcomes:**

Upon completion of the course, the student will be able to:

1. Apply the principles of ACLS.
2. Interpret a 12-Lead ECG.
3. Illustrate how a respiratory therapist assists a physician with a pleural procedure.
4. Illustrate how a respiratory therapist assists a physician with a bronchoscopy procedure.
5. Summarize the effects of smoking on the cardiopulmonary and other organ systems.
6. Apply the principles of pulmonary rehab.
7. Develop respiratory therapy protocols.
8. Analyze quality assurance and outcomes assessment in respiratory care.
11. Interpret an exercise test.

**Standard SCC Course Policies:**

View [Standard SCC Course Policies](http://www.sccsc.edu/SyllabiPolicies/) can be found here: [www.sccsc.edu/SyllabiPolicies/](http://www.sccsc.edu/SyllabiPolicies/).

- Academic Integrity
- Academic Misconduct
- Add/Drop period
- Appeals Process
- Class Attendance
- Classroom Behavior (traditional and online)
- Classroom Conduct/Expectations
- Lab Procedures (general SCC policy regarding this)
- Services For Students with Disabilities
- Online Confidentiality
- Withdrawal Policy