Respiratory Care

Associate of Applied Science Degree in Respiratory Therapy

PROGRAM GOAL:
To prepare graduates with demonstrated competence in the cognitive (knowledge), psychomotor (skills), and affective (behavior) learning domains of respiratory care practice as performed by registered respiratory therapists (RRTs).

PROGRAM DETAILS
The Respiratory Therapist program at Somerset Community College prepares graduates to provide and manage client care by becoming members within the discipline of respiratory care. Graduates are prepared and eligible to take credentialing examinations administered by the National Board for Respiratory Care (NBRC) to practice as entry level practitioners (CRT) as well as practitioners (RRT). Like most states in the nation, Kentucky has a mandatory certification law for Respiratory Care Practitioners. This certification gives the holder the right to practice respiratory care in the Commonwealth. Reciprocity exists between Kentucky and most all other states. Respiratory Therapists work as important members of the health care team and provide treatments to clients with cardiopulmonary disorders. Most therapists are employed in cardiopulmonary medicine or respiratory care departments of hospitals. Others are employed by home health agencies, pulmonary rehabilitation programs, pulmonary function laboratories, medical device companies, and physician offices. For further information regarding this profession, please visit www.AARC.org.

ADDITIONAL INFORMATION
• Five semester program
• Leads to an Associate in Applied Science Degree (AAS) with a general education requirement of 23 hours
• Respiratory Care Technical Coursework (47 hours)
• Theory/Skills presented in lecture/lab format
• Clinical Component: Held in clinical sites which provide services to respiratory patients
• Highly Recommended general education courses of 6-7 hours.

KCTCS is an equal educational and employment opportunity institution.
# Respiratory Care

## Associate of Applied Science Degree in Respiratory Therapy

### REQUIRED COURSES

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit</th>
<th>Grade</th>
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<tbody>
<tr>
<td><strong>GENERAL EDUCATION REQUIREMENTS (23 HOURS)</strong></td>
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<tr>
<td>BIO 137</td>
<td>Human Anatomy and Physiology I</td>
<td>4</td>
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<tr>
<td>MAT 110</td>
<td>Applied Mathematics OR</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>MAT 146</td>
<td>Contemporary College Mathematics OR</td>
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<tr>
<td>MAT 150</td>
<td>College Algebra</td>
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<tr>
<td>BIO 139</td>
<td>Human Anatomy and Physiology II</td>
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<td>ENG 101</td>
<td>Writing 1</td>
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<tr>
<td>COM 181</td>
<td>Basic Public Speaking OR</td>
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<tr>
<td>COM 252</td>
<td>Interpersonal Communication</td>
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<td>PSY 110</td>
<td>General Psychology OR</td>
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<tr>
<td>SOC 101</td>
<td>Introduction to Sociology</td>
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<td>Various</td>
<td>Heritage/Humanities</td>
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<td><strong>TECHNICAL COURSES REQUIRED (47 HOURS)</strong></td>
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<tr>
<td>RCP 110</td>
<td>Cardiopulmonary Anatomy and Physiology</td>
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<tr>
<td>RCP 120</td>
<td>Theories and Principles of Respiratory Care</td>
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<td>RCP 125</td>
<td>Cardiopulmonary Evaluation</td>
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<td>RCP 130</td>
<td>Pharmacology</td>
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<td>RCP 150</td>
<td>Clinical Practice I</td>
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<td>RCP 175</td>
<td>Clinical Practice II</td>
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<td>RCP 180</td>
<td>Ventilatory Support</td>
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<td>Advanced Ventilatory Support</td>
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<td>RCP 200</td>
<td>Clinical Practice III</td>
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<td>RCP 204</td>
<td>Emergency and Special Procedures</td>
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<td>RCP 210</td>
<td>Cardiopulmonary Pathophysiology</td>
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<td>Neonatal/Pediatric Respiratory Care</td>
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<td>RCP 214</td>
<td>Advanced Diagnostic Procedures</td>
<td>3</td>
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<td>RCP 225</td>
<td>Clinical Practice IV</td>
<td>3</td>
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<tr>
<td>RCP 228</td>
<td>Preventive &amp; Long Term Respiratory Care</td>
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<td>RCP 250</td>
<td>Clinical Practice V</td>
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<td><strong>Other Highly Recommended General Education Courses</strong></td>
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<tr>
<td>ENG 102</td>
<td>Writing II</td>
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<td>BIO 225</td>
<td>Medical Microbiology OR</td>
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<td>Principles of Microbiology</td>
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### SEMESTER COURSE LISTING

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<th>Class</th>
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*Prior to taking RCP 204

**TOTAL HOURS FOR PROGRAM — 70**

STUDENT ___________________________ ID NO. ______________________ ID DATE ______________________

SIGNATURE ___________________________________________ ADVISOR ___________________________________________

Revised: 01/2019