

**BLUEGRASS COMMUNITY AND TECHNICAL COLLEGE**

**Respiratory Care Program  
Associates in Applied Science**

Academic Plan Code – 5109087069

The Respiratory Care program prepares the graduate to take an active role in the maintenance and/or restoration of cardiopulmonary homeostasis. The curriculum includes intensive course work in the supporting sciences and general education areas. Classroom instruction is supplemented with learning experiences in the campus laboratory and in area hospitals. Students enrolled in the Respiratory Care program are required to achieve a minimum grade of “C” in each Respiratory Care course.

Although hospitals employ the majority of respiratory therapists, other employers include home care providers, medical clinics, nursing homes, and industry. Graduates are qualified to take the national board examination in Respiratory Care in order to receive the Certified Respiratory Therapist (C.R.T.) credential.

To document and assist in maintaining high quality education the program is accredited by the Commission on Accreditation for Respiratory Care (CoARC), in collaboration with the Committee on Accreditation of Allied Health Education Programs (CAAHEP).

**\*Note:** The Kentucky Board for Respiratory Care may deny mandatory certification for convicted felons. Questions should be directed to the Kentucky Board for Respiratory Care.

RCP185	Introduction to Mechanical Ventilation	2
RCP195	Patient-Ventilator System Management	4
RCP210	Cardiopulmonary Pathophysiology	3
RCP212	Neonatal/Pediatric Respiratory Care	3
RCP226	Respiratory Care Practice IV	4
RCP228	Preventive & Long-term Respiratory Care	2
RCP251	Respiratory Care Practice V	4
RCP240	Advanced Cardiopulmonary Evaluation	3
RCP245	Advanced Cardiac Life Support	2
RCP260	Respiratory Care Seminar	1
	<b>Subtotal Credit Hours</b>	<b>45</b>
	<b>Total Credit Hours</b>	<b>74 - 76</b>

<b>Course Number</b>	<b>Course Title</b>	<b>Credit Hours</b>
<b>General Education Core</b>		
	Applied Mathematics OR College Algebra OR Contemporary College Mathematics	3
BIO 137	Human Anatomy & Physiology I	4
BIO 139	Human Anatomy & Physiology II	4
ENG 101	Writing I	3
ENG 102	Writing II	3
PY110 SOC101	General Psychology OR Introduction to Sociology	3
	Medical Microbiology OR Principles of Microbiology	4 or 3
	Heritage/Humanities	3
	Oral Communications	3
	<b>Subtotal Credit Hours</b>	<b>29 - 30</b>
<b>Technical Core or Support Courses</b>		
RCP110	Cardiopulmonary Anatomy & Physiology	3
RCP122	Fundamentals of Respiratory Care	4
RCP121	Respiratory Care Practice I	1
RCP130	Cardiopulmonary Pharmacology	3
RCP176	Respiratory Care Practice II	2
RCP140	Cardiopulmonary Assessment	2
RCP201	Respiratory Care Practice III	2

(Courses are listed by category and not necessarily in the order to be taken)