

# RESPIRATORY CARE



## The Program

The Respiratory Care Program offers an Associate of Applied Science Degree and eligibility for both CRT and RRT examinations. The program prepares individuals with the basic competencies necessary to function as a Respiratory Therapist. The curriculum features specialized instruction in basic sciences, mathematics, communications, anatomy and physiology, as well as Respiratory coursework. The program consists of school-based classroom lecture courses and laboratory experiences coordinated with clinical experience in hospitals and other health care settings.



## Program Goal

Provide instruction necessary to prepare graduates to function as competent Respiratory Therapists who have competence in the cognitive (knowledge), psychomotor (skills), and affective (behavior) learning domains of Respiratory Care as performed by registered Respiratory Therapists.



## Professional standards

Respiratory Care Program students must provide care without discrimination on any basis, with respect for the rights and dignity of all individuals. Respiratory Care students must demonstrate behavior that reflects integrity, supports objectivity, and fosters trust in the profession. Respiratory Care students must actively maintain and continually improve professional competence and represent it accurately.



SKCTC is an equal opportunity employer and education institution.

## Admission Criteria

Applicant MUST:

- Be at least 17 years old with verification of age.
- Take the ACT exam and provide scores acceptable for admission.
- Have high school diploma or GED and college transcripts sent to SKCTC.
- Complete an application for admission to SKCTC.
- Complete an application for admission into the Respiratory Care Program prior to March 31st.
- Attend a pre-admissions conference.
- Meet with a Respiratory Care faculty member for advising.
- Meet the minimum requirements of the Respiratory Care Admissions Committee

**Admission into the Respiratory Care Program is based on:**

General education courses

GPA (preference is given to a GPA of 3.0 or higher)

ACT Score (preference is given to an ACT of 18 or higher)

## Program Clinical Requirements

Students must undergo a criminal background check and drug screen prior to entering the clinical facilities each school year.

## Employment Opportunities

The need for Respiratory Therapists is expected to grow dramatically in the coming years due to an increase in the elderly population and the impact of environmental factors on pulmonary health. Respiratory Therapists can be employed in hospitals, clinics, physician's offices, homecare, hyperbaric oxygen laboratories, cardiac rehabilitation clinics, transport teams, sleep centers and specialty units.

## Professional Organizations

American Association of Respiratory Care    AARC.org

National Board for Respiratory Care        NBRC.org

## TECHNICAL STANDARDS

Respiratory Therapists and Respiratory Care students must have sufficient:

Sufficient tactile and visual acuity, such as needed in the accurate monitoring of life support systems and for the observation necessary for patient assessment;

Sufficient auditory perception to receive verbal communication from patients and members of the health care team to assess health needs of people through the use of monitoring devices such as cardiac monitors, stethoscopes, and fire alarms, etc.;

Sufficient gross and fine motor coordination to respond promptly and to implement respiratory therapy skills including the manipulation of equipment to meet health needs;

Sufficient communication skills (verbal, non-verbal, and written) to interact with individuals and to communicate their needs promptly and effectively; and

Sufficient intellectual and emotional functions to plan and implement respiratory care.

Ability to ascend and descend stairways;

Ability to lift a minimum of 25 pounds;

Ability to wear a face mask and gloves.

# Curriculum

## Associate of Applied Science Degree

### Respiratory Care

#### Pre-Requisites Courses

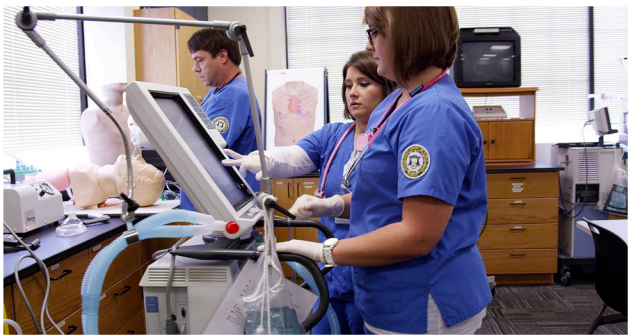
COURSE DESCRIPTION:	CREDITS
BIO 137 Human Anatomy & Physiology I	4
MAT 150 College Algebra OR	3
MAT 110 Applied Math	(3)

#### General Education

COURSE DESCRIPTION:	CREDITS
BIO 137 Human Anatomy and Physiology I	4
BIO 139 Human Anatomy and Physiology II	4
MAT 110 Applied Math OR	3
MAT 150 College Algebra	(3)
PSY 110 General Psychology OR	3
SOC 101 Introduction to Sociology	(3)
ENG 101 Writing 1	3
COM 181 Basic Public Speaking OR	3
COM 252 Interpersonal Communications	(3)
Heritage/Humanities	3

**Total Credit Hours: 23**

*Digital Literacy must be documented by competency exam or by taking a computer literacy course.*



# First Year

## Fall Semester

COURSE DESCRIPTION:	CREDITS
BIO 139 Anatomy and Physiology II	4
RCP 110 Cardiopulmonary A&P	3
RCP 120 Theory and Principles in RC	4
RCP 130 Pharmacology	3
RCP 150 Clinical Practice I	2
<b>Total Hours: 16</b>	

## Spring Semester

COURSE DESCRIPTION:	CREDITS
RCP 125 Cardiopulmonary Evaluation	4
RCP 180 Ventilatory Support	3
RCP 175 Clinical Practice II	3
RCP 204 Emergency & Special Procedure	3
<b>Total Hours: 13</b>	

# Second Year

## Summer Session

COURSE DESCRIPTION:	CREDITS
RCP 200 Clinical Practice III	3

## Fall Semester

COURSE DESCRIPTION:	CREDITS
RCP 190 Advanced Ventilatory Support	2
RCP 210 Cardiopulmonary Pathophysiology	3
RCP 212 Neonatal Pediatric Respiratory Care	3
RCP 225 Clinical Practice IV	3
RCP 168 Special Topics in Respiratory Care	2
<b>Total Hours: 13</b>	

## Spring Semester

COURSE DESCRIPTION:	CREDITS
RCP 214 Advanced Diagnostic Procedures	3
RCP 228 Preventive and Long Term Care	2
RCP 250 Clinical Practice V	3
RCP 169 Special Topics in Respiratory Care	2
<b>Total Hours: 10</b>	
<b>Total Credit Hours: 71-74</b>	



# Southeast Kentucky

Community & Technical College

## **PINEVILLE CAMPUS**

10350 US HWY 25E  
Pineville, KY 40977

## **WHITESBURG CAMPUS**

2 Long Avenue  
Whitesburg, KY 41858

## **Respiratory Care**

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