CAREER Directions



Respiratory Care

The Program

The Respiratory Care Program prepares graduates to provide and manage client care and to become members within the discipline of respiratory care. Graduates are prepared to take the licensing examination and practice as a Respiratory Care Practitioner in advanced level staff positions.

- Two Year program
- Leads to Associate in Applied Science Degree (AAS) with a general education requirement of 35-37 hours
- Respiratory Care Coursework
 *Theory/Skills presented in lecture/lab format
 - *Clinical Component: Community Agencies providing clinical services

Accredited by CoARC



Respiratory Therapists work as important members of the health care team and provide treatments to clients with respiratory disorders. Most Therapists are employed in pulmonary medicine or respiratory care departments of hospitals. Others are employed by home health agencies, nursing homes and physicians offices.



Accreditation Information

The Advanced-Level Respiratory Therapist Program, Laurel Campus North, has been awarded Continuing Accreditation status by the Commission on Accreditation for Respiratory Care (CoARC), 1248 Harwood Road, Bedford, TX 7602021-4244, (817)283-2835 or www.coarc.com

Admissions Process

Student must have completed the following requirements:

- Admission to SCC
- Application
- High School Transcript or GED
- Transcripts of other colleges or universities attended
- ACT or Compass
- BIO 137 (Human Anatomy & Physiology I)
- MAT 110 (Applied Mathematics) or MAT 150 (College Algebra) or MAT145 (Contemporary College Mathematics)
- · Completion of Student Check List

Admission Criteria

Applicants with the following will be given priority:

- Number of General Education Courses taken from Respiratory Care curriculum
- BIO 139 (Human Anatomy & Physiology II)
- ENG 101 (Writing I)
- ENG 102 (Writing II)
- PSY 110 (General Psychology) or PSY 100 (Intro to Psychology) or SOC 101 (Intro to Sociology)
- BIO 226 (Principles of Microbiology) or
- BIO 225 (Medical Microbiology)
- COM 252 (Introduction to Interpersonal Communications) or
- COM 181 (Basic Public Speaking)

Technical Standards

- Adequate visual acuity
- · Adequate auditory perception
- Sufficient strength, gross motor, and fine motor coordination
- Sufficient verbal and written communication skills

Additional Criteria

Upon admittance the student must submit the following materials prior to beginning clinical experiences.

- Evidence of receiving the Hepatitis B vaccine series or a vaccine declination form
- TB skin test or chest X-Ray
- Immunization records
- CPR certification

Expenses & Financial Assistance

In addition to tuition, students are responsible for transportation to the various clinical sites, professional liability insurance, books, and uniforms. Any student seeking financial assistance should contact the Financial Aid Office.

How to Reach Us

Somerset Community College www.somerset.kctcs.edu

1-877-629-9722

Somerset Campus (606) 679-8501

Laurel Campus (606) 877-1421

Casey Center (606) 787-4727

Clinton Center (606) 387-3236

McCreary Center (606) 376-5747

Russell Center (270) 866-2125

Program Coordinator

Jess Hoskins 606.878.4815 jess.hoskins@kctcs.edu



Associate Applied Science Degree Advanced Respiratory Care Technology Curriculum

			CREDIT HOURS
		Pre-Respiratory Semester:	
COM	181	Basic Public Speaking OR	3
COM	252	Introduction to Interpersonal Communications	(3)
		Total Credits	3
COMPLETE PRIOR TO ADMISSION:			
MAT	110	Applied Mathematics OR	3
MAT	150	College Algebra Functions OR	(3)
MAT	145	Contemporary College Mathematics	(3)
BIO	137	Human Anatomy & Physiology I	4
		Total Credits	7
FIRST SEMESTER:			
RCP	110	Cardiopulmonary Anatomy & Physiology	3
RCP	120	Theory & Principles of Respiratory Care	4
RCP	150	Clinical I	2
RCP	210	Cardiopulmonary Pathophysiology	3
		Total Credits	12
SECOND SEMESTER:			
RCP	125	Cardiopulmonary Evaluation	4
RCP	130	Pharmacology	3
RCP	175	Clinical II	3
RCP	228	Preventive & Long-Term Respiratory Care	2
		Total Credits	12
THIRD SEMESTER:			
RCP	180	Ventilatory Support	3
RCP	200	Clinical III	3
RCP	204	Emergency & Special Procedures I	3
ENG	101	Writing I	3
BIO	139	Human Anatomy & Physiology II	4
		Total Credits	16
		Fourth Semester:	
RCP	214	Emergency & Special Procedures II	2
RCP	225	Clinical IV	3
RCP	190	Advanced Ventilatory Support	2
ENG	102	Writing II	3
BIO	225	Medical Microbiology OR	4
BIO	226	Principles of Microbiology Total Credits	(3) 14
		Total Credits	14
FIFTH SEMESTER:			
RCP	212	Neonatal/Pediatric Respiratory Care	3
RCP	250	Clinical V	3
		Heritage/Humanities	3 3
		Psychology/Sociology Total Credits	3 12
		Total Credits Total Credits for Program	76
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Note: Credential requirements for this program are subject to change. Students should verify course requirements with their advisor.