

Respiratory Therapist

Associate in Applied Science: Respiratory Therapist

Somerset Community College
Program Overview

somerset.kctcs.edu

PROGRAM ADVISORS

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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.

RESPIRATORY CARE CREDENTIALS:

ASSOCIATE IN APPLIED SCIENCE DEGREE:

Respiratory Therapist
(68 credit hours)

THE RESPIRATORY THERAPIST PROGRAM IS LOCATED ON SCC'S LAUREL CAMPUS

ACCREDITATION INFORMATION:

The Respiratory Therapist program has been awarded Continuing Accreditation status by the Commission on Accreditation for Respiratory Care (CoARC), 264 Precision Blvd., Telford, TN 37690 or www.coarc.com

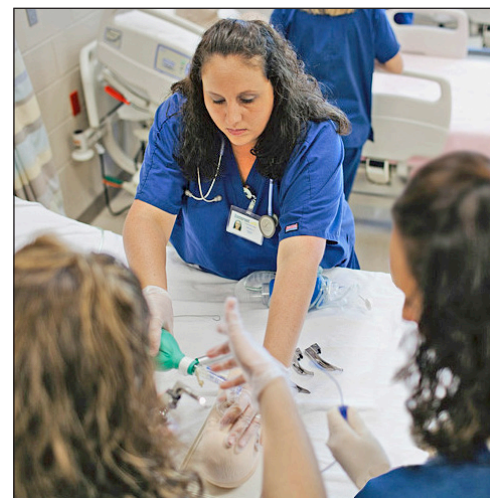
ADDITIONAL CRITERIA FOR RESPIRATORY CARE:

- Professionalism
 - People skills
 - Physical dexterity
 - Adequate visual acuity
 - Adequate auditory perception
 - Sufficient strength, gross motor, and fine motor coordination.
 - Sufficient verbal and written communication skills
 - Problem-solving abilities
 - Critical thinking
- Any additional information will be addressed during pre-admission conferences.



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).



SOMERSET
COMMUNITY COLLEGE

Respiratory Therapist

Associate in Applied Science in Respiratory Therapist

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Advising Planner

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REQUIRED COURSES

GENERAL EDUCATION REQUIREMENTS (23 HOURS)		Credit
BIO 137	Human Anatomy and Physiology I	4
MAT 110	Applied Mathematics <u>OR</u>	3
MAT 146	Contemporary College Mathematics <u>OR</u>	(3)
MAT 150	College Algebra	(3)
BIO 139	Human Anatomy and Physiology II	4
ENG 101	Writing 1	3
COM 181	Basic Public Speaking <u>OR</u>	3
COM 252	Interpersonal Communication	(3)
PSY 110	General Psychology <u>OR</u>	3
SOC 101	Introduction to Sociology	(3)
Various	Heritage/Humanities	3

TECHNICAL COURSES REQUIRED (47 HOURS)		
RCP 110	Cardiopulmonary Anatomy and Physiology	3
RCP 120	Theories and Principles of Respiratory Care	4
RCP 125	Cardiopulmonary Evaluation.	4
RCP 135	Pharmacology	1
RCP 150	Clinical Practice I	2
RCP 175	Clinical Practice II	3
RCP 180	Ventilatory Support.	3
RCP 190	Advanced Ventilatory Support.	2
RCP 200	Clinical Practice III	3
RCP 204	Emergency and Special Procedures.	3
RCP 210	Cardiopulmonary Pathophysiology	3
RCP 212	Neonatal/Pediatric Respiratory Care	3
RCP 214	Advanced Diagnostic Procedures	3
RCP 225	Clinical Practice IV	3
RCP 228	Preventive & Long Term Respiratory Care	2
RCP 250	Clinical Practice V	3

Other Highly Recommended General Education Courses		
ENG 102	Writing II.	(3)
BIO 225	Medical Microbiology <u>OR</u>	(4)
BIO 226	Principles of Microbiology	(3)

TOTAL HOURS FOR PROGRAM – 68

SEMESTER COURSE LISTING

REQUIRED BEFORE APPLYING (10 HRS.)

ENG 101
BIO 137
MAT 110, 146, OR 150

SEMESTER ONE (12 HOURS)

RCP 110
RCP 120
RCP 150
RCP 135

SEMESTER TWO (12 HOURS)

RCP 125
RCP 175
RCP 210
RCP 228

SEMESTER THREE (9 HOURS)

RCP 180
RCP 200
RCP 204

SEMESTER FOUR (8 HOURS)

RCP 190
RCP 214
RCP 225

SEMESTER FIVE (6 HOURS)

RCP 212
RCP 250

OTHER (16 HOURS)

BIO 139*
COM 181, OR 252
PSY 110 OR
SOC 101
Heritage/ Humanities

*Prior to taking RCP 204

TOTAL HOURS FOR PROGRAM – 68

Notes: