

Respiratory Care

Associate of Applied Science Degree in Respiratory Therapy

PROGRAM COORDINATOR

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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.

INSTRUCTORS:

Jason Asher
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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).

RESPIRATORY CARE CREDENTIALS:

ASSOCIATE IN APPLIED SCIENCE DEGREE:
In Respiratory Therapy
(70 credit hours)

LOCATION OF RESPIRATORY CARE PROGRAM AT SOMERSET COMMUNITY COLLEGE:

- SCC's Laurel Campus

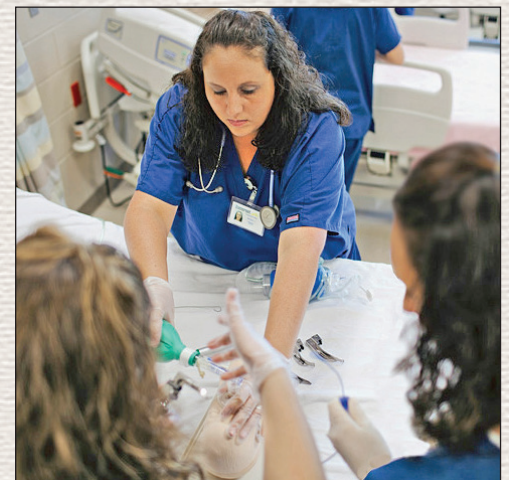
ACCREDITATION INFORMATION:

The Respiratory Therapist program has been awarded Continuing Accreditation status by the Commission on Accreditation for Respiratory Care (CoARC), 1248 Harwood Road, Bedford, TX 76021-4244, (817) 283-2835 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.



Community College

HIGHER EDUCATION BEGINS HERE

KCTCS is an equal opportunity employer and education institution.

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somerset.kctcs.edu

REQUIRED COURSES

		Credit	Grade
GENERAL EDUCATION REQUIREMENTS (23 HOURS)			
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 130	Pharmacology	3	_____
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 — 70

SEMESTER COURSE LISTING

Class	(Alternative)	Credit
REQUIRED BEFORE APPLYING (7 HOURS)		
BIO 137	(_____)	_____
MAT 110, 146, OR 150	(_____)	_____
SEMESTER ONE (12 HOURS)		
RCP 110	(_____)	_____
RCP 120	(_____)	_____
RCP 150	(_____)	_____
RCP 130	(_____)	_____
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*	(_____)	_____
ENG 101	(_____)	_____
COM 181, OR 252	(_____)	_____
PSY 110 <u>OR</u>	(_____)	_____
SOC 101	(_____)	_____
Heritage/ Humanities	(_____)	_____

*Prior to taking RCP 204

TOTAL HOURS FOR PROGRAM – 70

STUDENT _____ ID NO. _____ DATE _____

SIGNATURE _____ ADVISOR _____