

Respiratory Therapy Technology

Associate in Applied Science

The purpose of this curriculum is to prepare selected students for employment as Respiratory Care Practitioners and for registry by the National Board for Respiratory Care.

Employment opportunities are available in hospitals, skilled nursing facilities, physician offices, home care, and sales.

Admission is competitive and based on grades, performance on the College's placement tests, interviews, and demonstrated interest in pursuing a career in an allied health care field. High school or equivalent prerequisites courses prior to entering the program include three years of English, two years of mathematics (one of which must be algebra), and one year of laboratory science.



Interested students should complete the allied health application process by April 15, prior to the fall semester of desired admission.

Clinical experience in respiratory care departments of selected health care facilities is provided and field trips are used to supplement learning in selected areas. The student will be expected to purchase uniforms and provide transportation to health care facilities and field trips at personal expense.

Central Virginia Community College

call (434)-832-7800

AA/EEO/ADA • VTDD (434) 832-7701



Students admitted to the program must complete a health record form and obtain up-to-date immunizations. Students are also given a tuberculin screening skin test.

The respiratory therapy program is accredited by the Commission on Accreditation of Allied Health Education Programs (CAAHEP). Upon completion of the course the students will be awarded an AAS degree in Advanced Level Respiratory Therapy Technology. This will qualify the graduate to write the Entry-Level, Written Registry and Clinical Simulation exam of the National Board for Respiratory Care.

Respiratory Therapy Technology — Degree Requirements

Course No.	Course Title	First Year		
		1st Sem.	2nd Sem.	Sum. Sem.
RTH 190	Coordinated Internship	3	3	2
BIO 141-142	Human Anatomy and Physiology I-II	4	4	-
HLT 141	Introduction to Medical Terminology	2	-	-
RTH 101	Integrated Sciences for Respiratory Care	3	-	-
SDV 100	Orientation	1	-	-
RTH 121	Cardiopulmonary Science I	3	-	-
RTH 131-132	Respiratory Care Theory and Procedures I-II	-	4	4
RTH 145	Pharmacology for Respiratory Care	-	2	-
ENG 111	College Composition I	-	3	-
RTH 217	Pulmonary Rehabilitation, Home Care and Health Promotion	-	-	2
Total		16	16	8

Course No.	Course Title	Second Year	
		1st Sem.	2nd Sem.
RTH 222-223	Cardiopulmonary Science II-III	3	2
RTH 290	Coordinated Internship	3	3
	Social Science Elective ¹	3	3
	Computer Elective ²	3	-
RTH 226	Theory of Neonatal and Pediatric Respiratory Care	2	-
RTH 135	Diagnostic and Therapeutic Procedures	2	-
RTH 224	Integrated Respiratory Therapy Skills	-	2
RTH 236	Critical Care Monitoring	-	3
	Humanities Elective ¹	-	3
Total		16	16

Minimum credits required to graduate

72

¹ See course catalog for available courses.

² Select from BUS 226 Computer Business Applications or ITE 115 Introduction to Computer Applications and Concepts.