

Respiratory Care RCT3

Type

Associate of Applied Science, AAS

The respiratory care associate degree is a sequence of courses that prepares students for careers in the field of respiratory care. Learning opportunities develop academic and professional knowledge and skills required for job acquisition, retention, and advancement. The program emphasizes specialized training in areas such as pulmonary and cardiac pharmacology, medical gases, humidity/aerosol therapy, positive pressure ventilation, incentive spirometry, patient assessment, postural drainage, percussion/vibration, assessment of diseases and conditions, critical respiratory care, advanced critical care monitoring, pulmonary function testing, and pediatric and neonatal respiratory care. Program graduates receive a respiratory care associate degree which qualifies them to take the examinations to become Registered Respiratory Therapists. The goal of the program is to prepare graduates with the demonstrated competence in cognitive (knowledge), psychomotor (skills), and affective (behavior) learning domains of respiratory care practice as performed by registered respiratory therapists. (RRTs). **The standards for the program can be viewed by clicking [here](#).**

Students may take the National Board for Respiratory Care's (NBRC's) Therapist Multiple Choice Exam (TMC). Graduates seeking to earn an NBRC credential in order to enter the profession must take this examination. The NBRC utilizes two cut scores for the TMC exam; graduates attaining the low-cut score will obtain the CRT credential. Achieving the high cut score means that, in addition to earning the CRT, a graduate is eligible to take the Clinical Simulation Exam (CSE). Graduates who pass the CSE earn the RRT credential. To work in the state of Georgia, all respiratory care practitioners must apply and be granted a license. The only way to obtain a license in the state of Georgia is to pass both TMC and CSE exams and earn RRT credential.

Program Accreditation

"The Coastal Pines Technical College Respiratory Care Technology Program (CoARC Program Number: 200480) awards an Associate of Applied Science degree on the Waycross campus and is accredited by the Commission on Accreditation for Respiratory Care (www.coarc.com)."

Commission on Accreditation for Respiratory Care (CoARC)
264 Precision Blvd. Telford, TN 37690
<http://www.coarc.com/>

CoARC Program Number: 200480

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)

Programmatic Data Information

"CoARC accredits respiratory therapy education programs in the United States. To achieve this end, it utilizes an 'outcomes-based' process. Programmatic outcomes are performance indicators that reflect the extent to which the educational goals of the program are achieved and by which program effectiveness is documented."
[Programmatic Outcomes Data](#)

Certification Information

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State Respiratory Care Boards

Other Conditions for Admission

Criminal background checks and drug screens may be required based on the requirements for participation in clinical experiences.

Area I - Language Arts/Communications — 3.00 Hours

Item #	Name	Credits
ENGL 1101	Composition and Rhetoric	3

Area II - Social/Behavioral Sciences — 3.00 Hours

* Choose one of the following courses:

Item #	Name	Credits
ECON 1101	Principles of Economics	3
ECON 2105	Macroeconomics	3
ECON 2106	Microeconomics	3
HIST 1111	World History I	3
HIST 1112	World History II	3
HIST 2111	U.S. History I	3
HIST 2112	U.S. History II	3
POLS 1101	American Government	3
PSYC 1101	Introductory Psychology	3
SOC1 1101	Introduction to Sociology	3

Area III - Natural Sciences/Mathematics — 7.00 Hours

* Choose one of the following courses:

Item #	Name	Credits
	MATH 1101, MATH 1103, or MATH 1111	3
	CHEM 1151 or CHEM 1211	4

Area IV - Humanities/Fine Arts — 3.00 Hours

Item #	Name	Credits
ARTS 1101	Art Appreciation	3
ENGL 2110	World Literature	3
ENGL 2130	American Literature	3
HUMN 1101	Introduction to Humanities	3
MUSC 1101	Music Appreciation	3
RELG 1101	World Religion	3

Non-General Education Degree Courses — 12.00 Hours

Item #	Name	Credits
BIOL 2113	Anatomy and Physiology I	3
BIOL 2113L	Anatomy & Physiology Lab I	1
BIOL 2114	Anatomy and Physiology II	3
BIOL 2114L	Anatomy & Physiology Lab II	1
BIOL 2117	Introductory Microbiology	3
BIOL 2117L	Introductory Microbiology Lab	1

Occupational Courses — 50.00 Hours

Item #	Name	Credits
RESP 1110	Pharmacology	3
RESP 2090	Clinical Practice I	2
RESP 2110	Pulmonary Disease	3
RESP 1130	Respiratory Therapy Lab I	4
RESP 1120	Introduction to Respiratory Therapy	3
RESP 2100	Clinical Practice II	2
RESP 2140	Advanced Critical Care Monitoring	1
RESP 2180	Clinical Practice III	2
RESP 2120	Critical Respiratory Care	2
RESP 2130	Mechanical Ventilation & Airway Management	4
RESP 2160	Neonatal Pediatric Respiratory Care	3
RESP 2190	Clinical Practice IV	2
RESP 2200	Clinical Practice V	3
RESP 2170	Advanced Respiratory Care Seminar	3
RESP 2270	Rehabilitation and Home Care	1
RESP 2220	Clinical Practice Vi	7
RESP 2150	Pulmonary Function Testing	1
RESP 1193	Cardiopulmonary A & P	4
	Minimum Credit Hours for Graduation	78