

ASSOCIATE DEGREE\*

# RESPIRATORY CARE

## Breathe New Life Into Your Career.

Working under the supervision of a physician, respiratory care practitioners help patients to perform a basic, crucial life function: breathing. Pollution, asthma and birth defects can lead to breathing problems. Respiratory therapists work with other health care professionals to assist those who suffer from them. At Carrington College® we teach skills such as patient examination and assessment, treatment recommendation and therapeutic intervention. Graduates are prepared to sit for the registry exam.† The program culminates in an Associate of Science degree.

*According to the U.S. Bureau of Labor Statistics, employment of respiratory therapists is expected to grow by 19% from 2012-2022‡*



## Duties May Include:

- Evaluating, treating and caring for patients with cardiopulmonary disorders
- Consulting with physicians and health care staff to help develop and modify patient care plans
- Conducting diagnostic tests
- Performing regular assessments of equipment
- Connecting patients who can't breathe on their own to ventilators
- Performing chest physiotherapy on patients to remove mucus from their lungs

## Possible Employment Opportunities:

- Hospitals
- Clinics
- Diagnostic laboratories
- Newborn, pediatric and adult critical care units
- Home care
- Transport care

For comprehensive consumer information visit [carrington.edu/cc/rc](http://carrington.edu/cc/rc)

\* Program availability varies by location. Carrington College reserves the right to update information as it becomes available. Information is current at the time of printing. For the most updated information, visit [carrington.edu](http://carrington.edu).

† Carrington College prepares students to take appropriate certification and licensure exams related to their individual majors. The College does not guarantee students will successfully pass these exams or be certified or licensed as a result of completing the program.

‡ Bureau of Labor Statistics, U.S. Department of Labor, Occupational Outlook Handbook (2014-15 Ed.).



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# ASSOCIATE DEGREE - RESPIRATORY CARE

## Student Learning Outcomes

Upon completion of the Respiratory Care program, graduates will be able to:

- Demonstrate skill in patient examination, assessment, treatment recommendation, and appropriate therapeutic intervention of various cardiopulmonary diseases.
- Demonstrate proficiency in critical thinking and information management.

## Admission Requirements

In addition to meeting the College's standard admission requirements, candidates must:

- Pass the Wonderlic General Assessment of Instructional Needs (GAIN) test with a minimum score of 4 on both the English and Math components.

Applicants in Las Vegas who have met all program admission requirements will be selected using points earned from the following:

- Two professional letters of recommendation
- Entrance examination score
- Work or volunteer-related experience in a health care facility
- Undergo and pass a criminal background check for felonies
- Undergo and pass a drug screening urinalysis

## Progression Requirements

Prior to entering direct patient care, students must:

- Provide negative TB test results. (If test results are more than 12 months old, they must be from a two-step test.) Applicants with prior positive results must undergo a chest X-ray.
- Provide proof of childhood MMR immunization or Titer.
- Provide proof of Hepatitis B vaccination or written refusal.
- Provide proof of chickenpox immunization (students who have not had chickenpox)
- Submit to drug screening and background check immediately prior to clinical rotations, the results of which may affect eligibility to participate in clinical rotations.

## Additional Requirements

The Carrington College Respiratory Care program provides students with knowledge and skills to meet national standards established by the National Board for Respiratory Care (NBRC) and to competently function in the profession as an Advanced Respiratory Care practitioner (Respiratory Care practitioner for Las Vegas graduates) through formal lecture, laboratory exercises, and clinical instruction and practice.

Students are required to:

- Pass MAT 113 and ENG 113 with a grade of "C" or higher as a prerequisite for entry into the Respiratory Care courses that begin in semester two.
- Pass all other program units/courses with a grade of "C" or higher. Failure to achieve the minimum required score in any unit will require subsequent demonstration of mastery, as outlined in the course syllabus.
- Score a minimum of 70% on a comprehensive exam administered at the end of each semester to qualify for advancement to the next semester.
- Pass an entry-level Certified Respiratory Care assessment exam with minimum scores outlined in the course syllabus.
- Pass an approved written Registered Respiratory Care assessment exam with minimum score outlined in the course syllabus.
- Pass an approved Clinical Simulations assessment exam with minimum score outlined in the course syllabus.
- Enroll in one general education course only while simultaneously enrolled in core Respiratory Care course (Las Vegas only).

## PROGRAM REQUIREMENTS – Las Vegas

General education courses may be taken in any order unless determined by prerequisites. Core courses must be taken in the sequence listed below.

Respiratory Care Courses		Lecture Hours	Lab Hours	Clinical Hours	Semester Credit Hours
ENG 113	English Composition I*	45	0	0	3
PSY 113	General Psychology*	45	0	0	3
MAT 113	College Mathematics*	45	0	0	3
COM 131	Introduction to Communication*	45	0	0	3
GOV 141	Nevada and US Constitutions*	45	0	0	3
RCP 101	Applied Sciences*	55	0	0	3.5
RRT 103	Medical Terminology	10	0	0	0.5
RCP 104	Anatomy and Physiology I	50	0	0	3
RCP 112	Anatomy and Physiology II	50	0	0	3
RRT 113	Bioethics	10	0	0	0.5
RRTV 181	General Pharmacology	45	0	0	3
RRTV 121	Microbiology/Infection Control	35	0	0	2
RRTV 123	Cardiopulmonary Diseases	55	0	0	3.5
RCP 130	Patient Assessment	25	10	0	2
RRTV 122	Case Study I	10	0	0	0.5
RCP 153	Medical Gases and Oxygen Therapy	30	5	0	2
RCP 156	Humidity and Aerosol Therapy	25	5	0	1.5
RCP 171	Airway Management and Emergency Care	40	5	0	3
RRTV 203	Bronchial Hygiene and Chest Physiotherapy	25	5	0	1.5
RCP 226	Hyperinflation Therapy	25	5	0	1.5
RCP 191	Home Care, Rehabilitation and Patient Education	15	0	0	1
RRTV 230	Case Study II	10	0	0	0.5
RRTV 306	Clinical Practice I	0	0	120	2.5
RCP 216	Cardiopulmonary Diagnostics	65	20	0	5
RRTV 206	Pediatrics and Perinatal Care	75	20	0	5.5
RCP 251	Advanced Emergency Care	55	10	0	4
RRTV 276	Advanced Cardiopulmonary Anatomy and Physiology	50	0	0	3
RRTV 196	Management and Supervision Techniques/Therapist Driven Protocols	15	0	0	1
RRTV 270	Case Study III	10	0	0	0.5
RCP 308	Clinical Practice II	0	0	96	2
RRTV 273	Adult and Pediatric Case Analysis and Management	20	0	0	1
RRTV 261	Cardiovascular and Hemodynamic Assessment	45	10	0	3
RCP 266	Mechanical Ventilation Concepts and Applications	50	40	0	4.5
RCP 213	Neonatal-Pediatric Mechanical Ventilation	40	15	0	3
RRTV 280	Case Study IV	10	0	0	0.5
RRTV 311	Clinical Practice III	0	0	432	9.5
RRTV 318	Credentialing Examination Series Training	56	24	0	4.5
Total for Degree		1231	174	648	97

\*General education course

Approximate time to complete degree program: 96 weeks