

RESPIRATORY CARE

TECHNICAL

Degree/Certificate: Associate of Applied Science (4 terms)



As a respiratory care practitioner, breathing easy will become your expertise. Passionate practitioners care for a variety of patients, including newborn infants in respiratory distress, children with asthma or pneumonia, adult victims of trauma, and older patients with emphysema or cardiac failure.

The San Jacinto Respiratory Care program:

- Offers a comprehensive curriculum for the preparation of respiratory care practitioners in the field of respiratory therapy, and is accredited by the Commission on Accreditation for Respiratory Care.
- Prepares students for the responsibility of treatment, management, control, diagnostic evaluation and care of patients with deficiencies and abnormalities of the cardiopulmonary system.
- Allows graduates to gain hands-on experience as respiratory care practitioners by administering therapeutic gases, medications, chest therapy, pulmonary function testing, arterial blood gas analysis, hemodynamic monitoring and mechanical ventilation to patients in hospitals in the greater Houston area, including the Texas Medical Center.

CAREER OUTLOOK



Employment of respiratory therapists is expected to increase faster than the average for all occupations according to the Bureau of Labor Statistics, because of substantial growth of the middle-aged and elderly population.

- Hospitals
- Respiratory therapy clinics
- Nursing homes
- Home health agencies
- Firms that supply respiratory equipment for home use

Additional Information

Upon completion, students are eligible for admission to the credentialing examination for respiratory therapist offered by the National Board for Respiratory Care (CRT and RRT) and may also apply for a Certificate to Practice from the Texas Department of State Health Services as a Respiratory Care Practitioner.

For More Information Call center: 281-998-6150 | sanjac.edu

General email: information@sjcd.edu

Visit our website: www.sanjac.edu/career/respiratory-care

Median salary for Gulf Coast region

\$49,662
per year

**Respiratory
Therapy Technicians**

*Source: texaswages.com, Gulf Coast region, 2017



RESPIRATORY CARE (3RESP)

Associate of Applied Science Degree

<i>Prerequisite</i>	<i>Credit</i>
RSPT 1101 Introduction to Respiratory Care	1
BIOL 2301 Anatomy and Physiology I (lec) and BIOL 2101 Anatomy and Physiology I (lab), and BIOL 2302 Anatomy and Physiology II (lec) and BIOL 2102 Anatomy and Physiology II (lab)	8
MATH 1314 College Algebra or Higher or MATH 1332 Contemporary Mathematics (Quantitative Reasoning) or MATH 1342 Elementary Statistical Methods (Statistics)	3
Subtotal	12

<i>First Term</i>	<i>Credit</i>
RSPT 1329 Respiratory Care Fundamentals I	3
RSPT 1225 Respiratory Care Sciences	2
RSPT 1340 Advanced Cardiopulmonary Anatomy and Physiology	3
ENGL 1301 Composition I	3
RSPT 1160 Respiratory Care Clinical	1
Subtotal	12



<i>Second Term</i>	<i>Credit</i>
RSPT 1360 Respiratory Care Clinical I	3
RSPT 1331 Respiratory Care Fundamentals II	3
RSPT 2310 Cardiopulmonary Disease	3
RSPT 2314 Mechanical Ventilation	3
Subtotal	12

<i>PostY1 Summer</i>	<i>Credit</i>
RSPT 2360 Respiratory Care Clinical II	3
RSPT 2371 Mechanical Ventilation II	3
RSPT 2217 Respiratory Care Pharmacology	2
Subtotal	8

<i>Third Term</i>	<i>Credit</i>
RSPT 2361 Respiratory Care Clinical III	3
RSPT 2355 Critical Care Monitoring	3
RSPT 2353 Neonatal/Pediatric Cardiopulmonary Care	3
**Humanities or Fine Arts	3
Subtotal	12

<i>Fourth Term</i>	<i>Credit</i>
RSPT 2362 Respiratory Care Clinical IV	3
RSPT 2130 Respiratory Care Examination Preparation	1
PSYC 2301 General Psychology	3
RSPT 2325 Cardiopulmonary Diagnostics	3
Subtotal	10

Associate of Applied Science Degree Total 66

Capstone Experience: RSPT 2325

Verification of workplace competencies.

* Students desiring to obtain a baccalaureate degree should take MATH 1314 College Algebra.

**Courses, which satisfy the Language, Philosophy, and Culture (Humanities) or Creative Arts (Fine Arts) requirement are listed under "The Basics" Core Curriculum in the Educational Programs section of the San Jacinto Community College web catalog.

Note: Course outline is representative of fall entry only. Adjustments will be made for spring entry. For further information concerning respiratory care accreditation, write or call:

CoARC, 1248 Harwood Rd., Bedford, Texas 76021-4244,
817.283.2835 or visit <http://www.coarc.com/>



Note: For complete program descriptions, please refer to the San Jacinto Community College District Catalog online at www.sanjac.edu/catalog.

The San Jacinto College District is committed to equal opportunity for all students, employees, and applicants without regard to race, creed, color, national origin, citizenship status, age, disability, pregnancy, religion, gender, sexual orientation, gender expression or identity, genetic information, marital status or veteran status in accordance with applicable federal and state laws. The following College official has been designated to handle inquiries regarding the College's non-discrimination policies: Vice President of Human Resources, 4620 Fairmont Pkwy., Pasadena, TX 77504; 281-991-2659; Sandra.Ramirez@sjcd.edu.