

ASSOCIATE IN APPLIED SCIENCE

RESPIRATORY THERAPY

(76.25 hrs. min.)

CIP: 51.0908

School of Health and Sciences, (505) 428-1723

SFCC's Respiratory Therapy program holds a Letter of Review from the Committee on Accreditation for Respiratory Care. The Committee on Accreditation for Respiratory Care can be reached at (817) 283-2835 or at: 1248 Harwood Road, Bedford, TX 76021-4244 and on the Web at www.coarc.com. This sequential program prepares respiratory therapy graduates with the knowledge, clinical skills and behavior essential to providing competent and caring services consistent with community and employer expectations. Students acquire skills in patient assessment, clinical data evaluation, blood gas analysis, pulmonary function testing, therapeutic techniques, ventilator management, pulmonary rehabilitation and other special cardiopulmonary procedures.

Upon completion of the Respiratory Therapy Degree Program, graduates will demonstrate cognitive, psychomotor and behavioral competencies in the practice of respiratory care at the entry and advanced levels. Students who successfully complete the Associate in Applied Science degree in Respiratory Therapy are eligible to take the National Board for Respiratory Care (NBRC) entry level examination, the Certified Respiratory Technician (CRT) exam. Graduates who successfully complete the CRT exam are eligible for licensure as a CRT in the state of New Mexico and are eligible to take the NBRC Registry exams.

Students who plan to apply for licensure in another state are advised to contact that state's board of respiratory care.

NOTE: A.A.S. degrees are designed to prepare students for entry-level positions in specific occupations; they are not generally intended to transfer to four-year institutions. For more information on transfer, please refer to Page 34 of this catalog, or speak with an academic adviser.

GENERAL EDUCATION REQUIREMENTS: (21 HRS.)

Communications (3 hrs)

ENGL 111 Composition and Rhetoric (3)

[or]

ENGL 119 Professional Communication (3)

Science (12 hrs.)

BIOL 130 Anatomy and Physiology I (3)

BIOL 130L Anatomy and Physiology I Lab (1)

BIOL 221 Microbiology for Health Sciences (3)

BIOL 221L Microbiology for Health Sciences Lab (1)

CHEM 111 Introduction to Chemistry (3)

CHEM 111L Introduction to Chemistry Lab (1)

Computer/Technology (4 hrs.)

CITC 111 Computers and Technology (4)

[or]

OFTC 111 Business Software Essentials I (4)

Health, Physical Education and Recreation (HPER) or Dance (2 hrs min.)

CORE REQUIREMENTS: (55.25 HRS.)

EMSI 151L Basic Life Support – CPR (.25)

EMSI 281 ACLS (1)

EMSI 284 PALS Instructor (1)

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| RAST 112 | Respiratory Care Anatomy and Physiology (4) |
| RAST 115 | Cardiopulmonary Diagnostics (3) |
| RAST 115L | Cardiopulmonary Diagnostics Lab (1) |
| RAST 116 | Respiratory Math and Physics (2) |
| RAST 120 | Therapeutic Modalities (3) |
| RAST 120L | Therapeutic Modalities Lab (2) |
| RAST 124L | Clinical I-Assessment (1) |
| RAST 125L | Clinical I-Therapeutics I (1) |
| RAST 134L | Clinical I-Diagnostics (1) |
| RAST 135L | Clinical I-Therapeutics II (2) |
| RAST 210 | Ventilator Management (3) |
| RAST 210L | Ventilator Management Lab (2) |
| RAST 212 | Cardiopulmonary Pharmacology (2) |
| RAST 214 | Respiratory Care Seminar – Sub-Specialties (4) |
| RAST 220 | Respiratory Care Seminar – Critical Care Topics (4) |
| RAST 222 | Cardiopulmonary Pathophysiology (3) |
| RAST 224L | Clinical II-Mechanical Ventilation (2) |
| RAST 225L | Clinical II-Critical Care (4) |
| RAST 230 | Neonatal Pediatric Respiratory Care (3) |
| RAST 230L | Neonatal Pediatric Respiratory Care Lab (1) |
| RAST 234L | Clinical III-Neonatal/Pediatrics (3) |
| RAST 235L | Clinical III-Sub-Specialties (2) |

NOTE: Completion of BIOL 130 and BIOL 130L, and BIOL 221 and BIOL 221L, and CHEM 111, and CHEM 111L, and ENGL 111 or ENGL 119 and MATH 102, and OFTC 111L or CITC 111L, and EMSI 151L or their skill-level equivalents is required before admission to the respiratory program. The remaining general education requirements may be completed before or during the program.

NOTE: See “College Success Course Requirement” on Page 10.

TOTAL 76.25 CREDITS