

ASSOCIATE IN APPLIED SCIENCE

RESPIRATORY THERAPY

(73.25 hrs. min.)

CIP: 51.0908

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. This five-semester 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.

Students will demonstrate critical thinking skills and patient-centered care required to deal with emergency and critical care conditions. Graduates will conduct themselves according to professional and ethical standards, treating all patients and team members with dignity and respect.

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.

PROGRAM PREREQUISITES (4.25 HRS.)

BIOL 123	Biology for Health Sciences (3)
BIOL 123L	Biology for Health Sciences Lab (1)
EMSI 151L	Basic Life Support CPR (.25)
MATH 102	Basic Algebra (4) (MATH 102 is not included in the total credit hours.)

Acceptance into the program requires interview and satisfactory completion of BIOL 123, BIOL 123L and EMSI 151L.

GENERAL EDUCATION REQUIREMENTS (18 HRS.)

Communication (3 hrs.)

ENGL 111 Composition and Rhetoric (3)

[or]

ENGL 119 Professional Communication (3)

Science (8 hrs.)

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)

ASSOCIATE IN APPLIED SCIENCE DEGREES

Computer Science (4 hrs.)

CITC 111 Computers and Technology (4)

[or]

OFTC 111 Business Software Essentials I (4)

Health, Physical Ed., and Recreation (2 hrs. min.)

CORE REQUIREMENTS (52 HRS.)

EMSI 281 ACLS (1)

RAST 112 Respiratory Care Anatomy & Physiology (4)

RAST 115 Cardiopulmonary Diagnostics (3)

RAST 115L Cardiopulmonary Diagnostics Lab (1)

RAST 116 Respiratory Math & Physics (2)

RAST 120 Therapeutic Modalities (3)

RAST 120L Therapeutic Modalities Lab (2)

RAST 124 Clinical Practicum I (5)

RAST 210 Ventilator Management (3)

RAST 210L Ventilator Management Lab (1)

RAST 212 Cardiopulmonary Pharmacology (2)

RAST 214L Respiratory Care Seminar I (4)

RAST 222 Cardiopulmonary Pathophysiology (3)

RAST 224 Clinical Practicum II (5)

RAST 230 Neonatal Pediatric Respiratory Care (3)

RAST 230L Neonatal Pediatric Respiratory Care Lab (1)

RAST 220L Respiratory Care Seminar II (4)

RAST 234 Clinical Practicum III (5)

Note: See "College Success Course Requirement" on Page 8.

Spring Semester/16 Credits

BIOL 221 Microbiology (3)

BIOL 221L Microbiology Lab (1)

EMSI 281 ACLS (1)

RAST 115 Cardiopulmonary Diagnostics (3)

RAST 115L Cardiopulmonary Diagnostics Lab (1)

RAST 120 Therapeutic Modalities (3)

RAST 120L Therapeutic Modalities Lab (2)

RAST 212 Cardiopulmonary Pharmacology (2)

Summer/9 Credits

RAST 124 Clinical Practicum I (5)

RAST 210 Ventilator Management (3)

RAST 210L Ventilator Management Lab (1)

Fall Semester/16 Credits

RAST 214L Respiratory Care Seminar I (4)

RAST 222 Cardiopulmonary Pathophysiology (3)

RAST 224 Clinical Practicum II (5)

RAST 230 Neonatal Pediatric Respiratory Care (3)

RAST 230L Neonatal Pediatric Respiratory Care Lab (1)

Spring Semester/11 Credits min.

RAST 220L Respiratory Care Seminar II (4)

RAST 234 Clinical Practicum III (5)

Health, Physical Ed., and Recreation (2 hrs min.)

TOTAL 69 CREDITS

SUGGESTED SEQUENCE OF REQUIRED COURSES

Below is the suggested course sequence for Respiratory Care students. This schedule assumes that you have had all the prerequisites for these courses. It is important that you meet with the Program Director prior to applying to the Respiratory Care Program.

Fall Semester/17 Credits

CHEM 111 Introduction to Chemistry (3)

CHEM 111L Introduction to Chemistry Lab (1)

CITC 111 Computers & Technology (4)

ENGL 111 Composition & Rhetoric (3)

[or]

ENGL 119 Professional Communications (3)

RAST 112 Respiratory Care Anatomy & Physiology (4)

RAST 116 Respiratory Math & Physics (2)