



South Central College Program Design

AAS 3400 Respiratory Therapy

Program Information

Instructional Level Associate Degree

Description

Respiratory Therapists are specialized healthcare professionals dedicated to supporting individuals afflicted with cardiopulmonary disorders. As integral members of the healthcare team, they contribute to the assessment, treatment, management, and rehabilitation of such conditions. Respiratory therapists cater to a broad spectrum of patients, spanning from premature infants to the elderly. Their roles encompass diverse opportunities within various settings, including hospitals, diagnostic labs, clinics, and home care. In playing a crucial role in the nation's healthcare system, respiratory therapists contribute significantly to the well-being of individuals across different life stages.

Upon graduation, the student will receive an Associate in Applied Science degree in Respiratory Therapy. The graduate is then eligible to sit for the NMRC credentialing exams, which are required for licensure. Upon successful completion of the exams, the graduate will be awarded the credentials of Registered Respiratory Therapist (RRT).

Mission

Educate and inspire future respiratory therapists who will contribute significantly to the advancement of healthcare. The program prioritizes hands-on training, innovative research, and community engagement to ensure graduates emerge as compassionate and competent leaders in respiratory care. Committed to the highest standards of education and patient advocacy, the program aims to shape future respiratory therapists who make a lasting impact on the well-being of diverse populations.

Accreditation Information

The Commission on Accreditation for Respiratory Care (CoARC)

Program Admission Dates (Fall and/or Spring)

Fall Only

Program Student Learning Outcomes

- 1 **Clinical Competence:**
Demonstrate clinical competence in respiratory therapy, including the ability to assess, diagnose, and treat patients with respiratory disorders using evidence-based practices and critical thinking skills.
- 2 **Patient-Centered Care:**
Provide compassionate and patient-centered care, considering the unique needs and preferences of individuals and their families, while maintaining a focus on promoting respiratory health and well-being.
- 3 **Effective Communication:**
Communicate effectively with patients, their families, and interdisciplinary healthcare teams,

demonstrating proficiency in conveying complex respiratory information, treatment plans, and education in a clear and understandable manner.

4 Professionalism and Ethical Practice:

Adhere to the highest standards of professionalism and ethical conduct in their respiratory therapy practice, demonstrating respect for patient autonomy, confidentiality, and cultural diversity while upholding the principles of the respiratory therapy profession.

5 Collaboration and Teamwork:

Collaborate seamlessly within healthcare teams, recognizing and valuing the contributions of diverse team members, to ensure comprehensive and coordinated respiratory care for patients across different healthcare settings.

6 Continuous Learning and Professional Development:

Display a commitment to lifelong learning and professional development, staying current with advances in respiratory therapy, engaging in self-assessment, and actively seeking opportunities for continuing education to enhance their skills and knowledge throughout their careers.

Program Configurations

Scope and Sequence

Credits

Arts & Sciences	26
Technical Course	42
Total Credits	68

Pre-Requisite Courses

Course #	Course Title	Credits	Function
BIOL 220	Human Anatomy	4	Arts & Sciences
HC 1000	Medical Terminology I	3	Technical Course
CHEM 108 or CHEM 110	Introduction to Chemistry or Chemistry for the Health Sciences	4	Arts & Sciences

Semester One - Fall

Course #	Course Title	Credits	Function
RESP 1100	Introduction to Respiratory Care	2	Technical Course
RESP 1120	Principle Practices of Respiratory Care I	3	Technical Course
PSYC 110	Lifespan Psychology	3	Arts & Sciences
BIOL 230	Human Physiology	4	Arts & Sciences

Semester Two - Spring

Course #	Course Title	Credits	Function
BIOL 270	Microbiology	4	Arts & Sciences
RESP 1220	Principle Practice of Respiratory Care II	3	Technical Course
RESP 1240	Pathophysiology for Respiratory Therapy	2	Technical Course
RESP 1260	Pharmacology for Respiratory Therapy	2	Technical Course
RESP 1280	Respiratory Therapy Clinical I	4	Technical Course

Semester Three - Fall

Course #	Course Title	Credits	Function
COMM 140	Interpersonal Communication	3	Arts & Sciences
RESP 1320	Adult Critical Care	4	Technical Course
RESP 1340	Mechanical Ventilation	2	Technical Course
RESP 1360	Neonatal/Pediatric Respiratory Therapy	2	Technical Course
RESP 1380	Respiratory Therapy Clinical II	4	Technical Course

Semester Four - Spring

Course #	Course Title	Credits	Function
HUM 121	Introduction to the Humanities	4	Arts & Sciences
RESP 1420	Directed Studies in Respiratory Therapy	3	Technical Course
RESP 1440	Special Topics in Respiratory Therapy	2	Technical Course
RESP 1480	Respiratory Therapy Clinical III	6	Technical Course

Program Course List

Number	Title	Credits	Pre/Corequisites
RESP 1100	Introduction to Respiratory Care	2	Acceptance into the Respiratory Therapy Program is required in order to register for Respiratory Therapy Courses
RESP 1120	Principle Practices of Respiratory Care I	3	Prerequisite: Acceptance into the Respiratory Therapy Program is required in order to register for Respiratory Therapy Courses
RESP 1220	Principle Practice of Respiratory Care II	3	Prerequisites: Successfully complete all Semester 1 Respiratory Therapy Courses
RESP 1240	Pathophysiology for Respiratory Therapy	2	Prerequisite: Successfully complete all Semester One Respiratory Therapy Courses
RESP 1260	Pharmacology for Respiratory Therapy	2	Prerequisite: Successfully complete all Semester One Respiratory

			Therapy Courses
RESP 1280	Respiratory Therapy Clinical I	4	Prerequisite: Successfully complete all Semester One Respiratory Therapy Courses
RESP 1320	Adult Critical Care	4	Prerequisite: Successfully complete all Semester Two Respiratory Therapy Courses
RESP 1340	Mechanical Ventilation	2	Prerequisite: Successfully complete all Semester Two Respiratory Therapy Courses
RESP 1360	Neonatal/Pediatric Respiratory Therapy	2	Prerequisite: Successfully complete all Semester Two Respiratory Therapy Courses
RESP 1380	Respiratory Therapy Clinical II	4	Prerequisite: Successfully complete all Semester Two Respiratory Therapy Courses
RESP 1420	Directed Studies in Respiratory Therapy	3	Prerequisite: Successfully complete all Semester Three Respiratory Therapy Courses
RESP 1440	Special Topics in Respiratory Therapy	2	Prerequisite: Successfully complete all Semester Three Respiratory Therapy Courses
RESP 1480	Respiratory Therapy Clinical III	6	Prerequisite: Successfully complete all Semester Three Respiratory Therapy Courses
BIOL 220	Human Anatomy	4	Must have a Next-Generation Accuplacer Reading score of 250 or higher, or Classic Accuplacer Reading score of 78 or higher, or completion of either READ 0090 or EAP 0090 with a grade of C (2.0) or higher, or ACT Reading score of 21 or higher or MCA Reading score of 1047 or higher.
BIOL 230	Human Physiology	4	Successful completion of CHEM 108, CHEM 110 or CHEM 120 with a C or better. Successful completion of BIOL 220 with a C or better.
BIOL 270	Microbiology	4	A grade of C or higher in BIOL115 OR BIOL225 OR BIOL220 AND CHEM108 OR CHEM110 OR CHEM120
CHEM 108 or CHEM 110	Introduction to Chemistry or Chemistry for the Health Sciences	4	
COMM 140	Interpersonal Communication	3	Accuplacer Reading Score of 78 or

			above or completion of READ 0090
HC 1000	Medical Terminology I	3	None
HUM 121	Introduction to the Humanities	4	CPT Writing score of at least 66 or else successful completion of Writing and English II (ENGL 0090)
PSYC 110	Lifespan Psychology	3	None