



CURRICULUM GUIDE 2021-2022

RESPIRATORY THERAPIST

Associate in Science in Respiratory Therapist

INTEREST AREA: HEALTH AND WELLNESS

Respiratory care is a health care specialty directed at the diagnosis, treatment, management, and care of patients with deficiencies and abnormalities associated with the cardiorespiratory system. Upon completion of the program graduates are eligible to sit for the California State License Examinations for Respiratory Care Practitioners (RRT). Upon successful completion of these examinations an application for licensure can be submitted to the Respiratory Care Board. This program is based on a selective admission process and involves a special application for admission. Applicants are selected once a year and begin the course of study each Fall Semester. For program application contact the Health Sciences Division Office. For program information see the College's web page. This program is accredited by the Commission on Accreditation for Respiratory Care (CoARC), 1248 Harwood Road, Bedford, TX 76021-7244; (817) 283-2835; www.coarc.com.

Requirements for Associate in Science Degree

- a) Complete Major Field and Admission Requirements with a grade of C or better.
- b) Complete Ohlone College General Education (Plan A), CSU GE (Plan B), or IGETC for CSU (Plan C) requirements. These requirements are specified in the Ohlone College catalog.
- c) Complete at least 60 degree-applicable units with a 2.0 grade point average.
- d) Complete at least 12 units at Ohlone College.

Student Learning Outcomes

1. Demonstrate the cognitive, psychomotor, and affective skills necessary to assist the physician in the diagnosis, treatment, and management of patients with cardiopulmonary diseases and disorders.
2. Demonstrate appropriate critical thinking skills, time management skills, interpersonal communication skills, and technical skills necessary to provide competent respiratory care in multidisciplinary care settings.
3. Qualify for licensure in the state of California.
4. Qualify nationally for Registered Respiratory Therapist status.
5. Integrate intentional, respectful communication with caring presence to effectively relate with individuals, families, groups, communities, and colleagues of diverse sociocultural backgrounds in various healthcare settings.

MAJOR FIELD

AH-151	Applied Clinical Pharmacology	2
RT-220	Beginning Clinical Practice	1.5
RT-222	Respiratory Therapy I	5
RT-223	Patient Care I	1
RT-225	Beginning Laboratory	3.5
RT-252	Respiratory Therapy II	4.5

RT-258	Patient Care II: Respiratory Pathophysiology	1.5
RT-265	Intermediate Laboratory	2
RT-270	Mechanical Ventilation Lab I	1.5
RT-275	Intermediate Clinical Rotation	3.5
RT-297	Neonatal and Pediatric Respiratory Care	2
RT-298	Mechanical Ventilation II	2.5
RT-302	Mechanical Ventilation III and Advanced Lab	4.5
RT-303	Respiratory Therapy III	2.5
RT-323	Advanced Respiratory Pathophysiology	2
RT-330	Clinical Practicum in Neonatal and Pediatric Respiratory Care	1.5
RT-340	Advanced Clinical Rotation	3
RT-360	Pulmonary Function Testing	1.5
RT-370	Care for Chronically Ill Patients and Pulmonary Rehabilitation	.5
RT-380	Respiratory Therapy IV	2.5
RT-385	Computer Simulation, Graduation, and NBRC Preparation	1.5
RT-399	Respiratory Practicum	<u>6</u>
		56

ADMISSION REQUIREMENTS

BIOL-103A	Human Anatomy and Physiology	4
BIOL-103B	Human Anatomy and Physiology	4
BIOL-106	Microbiology	5
CHEM-109	Biochemistry for Health Science and Biotechnology	4
ENGL-101A	Reading and Written Composition	4
MATH-153	Intermediate Algebra	3
PSY-108	Human Development	<u>3</u>
		27

Total Required Units: 83