



## **CURRICULUM GUIDE 2017-2018**

### **RESPIRATORY THERAPIST**

#### **Associate in Science in Respiratory Therapist**

Respiratory Care is a health care specialty directed at the diagnosis, treatment, management, and care of patients with deficiencies and abnormalities associated with the cardio respiratory system. Upon completion of the program graduates are eligible to sit for the California State License Examination for Respiratory Care Practitioner (RCP). Once the RCP Credential has been attained graduates are eligible to sit for the Advanced Level Practitioner Examinations (RRT) of the National Board for Respiratory Care.

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 and Environmental Studies Division Office. For program information see the College's website.

This program is accredited by the Commission on Accreditation for Respiratory Care (CoARC), 1248 Harwood Road, Bedford, TX 76021-2835, 76021-7244; (817) 283-2835; [www.coarc.com](http://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 (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.

**MAJOR FIELD**

AH-151	Applied Clinical Pharmacology	2
RT-101	Principles of Respiratory Therapy I	3
RT-101L	Beginning Clinical Practice	1
RT-102	Beginning Laboratory	2
RT-103	Basic Patient Care	.5
RT-104A	Principles of Respiratory Therapy II	3
RT-104B	Principles of Respiratory Therapy III	3
RT-105A	Intermediate Laboratory I	1
RT-105B	Intermediate Laboratory II	.5
RT-107	Intermediate Clinical Practice	4
RT-108	Basic Principles of Respiratory Pathophysiology	1
RT-130A	Advanced Respiratory Therapy I	2.5
RT-130B	Advanced Respiratory Therapy II	1.5
RT-130L	Advanced Clinical Practice	2
RT-131A	Principles of Mechanical Ventilation I	2.5
RT-131B	Principles of Mechanical Ventilation II	2.5
RT-132	Advanced Laboratory	1
RT-133	Mechanical Ventilation Laboratory	2
RT-134	Neonatal and Pediatric Respiratory Care	1
RT-134L	Clinical Practicum in Neonatal and Pediatric Respiratory Care	1.5
RT-135	Computer Simulation for Respiratory Care	.5
RT-136	Critical Care Clinical Practice	3.5
RT-137	Home Respiratory Care and Pulmonary Rehabilitation	.5
RT-138	Specialty Rotations in Respiratory Care	.5
RT-139	Pulmonary Function Testing	1
RT-139L	Clinical Practice in Pulmonary Function Testing	.5
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**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-152	Algebra II OR	5
MATH-153	Intermediate Algebra	(3)
PHYS-108	Survey of Physics	3
PSY-105	Child Development OR	3
PSY-106	Adolescent Development OR	(3)
PSY-108	Human Development	(3)
		30-32

Total Required Units: 74-76