

Respiratory therapy

RESPIRATORY THERAPY – RT

Charles Ramos, Dean
 Sciences Division
 Physical Sciences Building, Room 263

Associate in science degree
 Respiratory therapy

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Respiratory therapy

Students completing the program will be able to...

- A. demonstrate the cognitive, psychomotor, and affective skills necessary to assist the physician in the diagnosis and disorders.
- B. demonstrate appropriate critical thinking skills, time management skills, interpersonal communication skills, and technical skills necessary to provide competent respiratory care in multidisciplinary care settings.
- C. qualify for licensure in the State of California.
- D. qualify nationally for Registered Respiratory Therapist status.

The respiratory therapy (RT) program is offered in collaboration with Ohlone College in Newark. Students complete general education courses at DVC, laboratory and clinical courses at Ohlone College, and have supervised clinical practice at local hospitals.

This program prepares students to be respiratory therapists in one of the fastest growing allied health professions in the nation. Therapists are involved in the diagnosis, treatment, management and care of patients with deficiencies and abnormalities associated with the cardio respiratory system, in both hospital and home environments. Completion of this CoARC (Committee on Accreditation for Respiratory Care) program makes graduates eligible for the California state license examination for respiratory care practitioner (RCP) and the registered respiratory therapist (RRT) credentialing examination of the National Board for Respiratory Care (NBRC).

By completing the general education coursework at DVC and the RT coursework at Ohlone, students will receive an associate in science degree from Ohlone College. Students must maintain a minimum of a "C" grade or higher in all program courses. In order for a respiratory therapy program application to be considered at Ohlone College, both overall GPA and science GPA must be 2.7 or higher. For applications and information, contact the Ohlone College RT program director at www.ohlone.edu/instr/rt. All applicants are required to attend a Pre-Application Orientation. Dates are posted annually on the Ohlone website.

<i>required program prerequisites or equivalents:**</i>	<i>units</i>
BIOSC-119 Fundamentals of Microbiology	4
BIOSC-139 Human Anatomy.....	5
BIOSC-140 Human Physiology	5
ENGL-122 First-Year College Writing and Reading	3
PSYCH-200 Life Span Development	3

plus at least 4 units from:

CHEM-107 Integrated Inorganic, Organic, and Biological Chemistry	5
CHEM-108 Introductory Chemistry	4
CHEM-109 Introduction to Organic and Biochemistry	4
CHEM-120 General College Chemistry I.....	5

plus at least 4 units from:

MATH-119 Beginning and Intermediate Algebra	4
MATH-119SP Beginning and Intermediate Algebra – Self-Paced.....	4

total minimum units of program prerequisites 28

recommended course before entering the program:

complete at least 3 units from:

COMM-120 Public Speaking	3
COMM-128 Interpersonal Communication	3
COMM-130 Small Group Communication.....	3

major requirements:

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 251 Clinical Pharmacology for Respiratory Therapists.....	2
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 Laboratory I.....	1.5
RT 275* Intermediate Clinical Rotation.....	3.5
RT 297* Neonatal and Pediatric Respiratory Care.....	2
RT 298* Principles of Mechanical Ventilation I.....	2.5
RT 302* Advanced Mechanical Ventilation and Advanced Laboratory	4.5
RT 303* Respiratory Therapy III.....	2.5
RT 323* Advanced Respiratory Therapy 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 Critically Ill Patients and Pulmonary Rehabilitation	0.5
RT 380* Respiratory Therapy IV	2.5
RT 385* Computer Simulation, Graduation, and NBRC Preparation.....	1.5
RT 399 Respiratory Practicum	6

total minimum required RT program units 58

**These are Ohlone College courses.*

***Prerequisites and support course may be "in progress" at the time of application. These courses must be completed no later than the end of the spring term during the year of applicati*

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any updates to this document can be found in the addendum at www.dvc.edu/communication/catalog

In addition to above courses, students must complete Ohlone College general education requirements:

Ohlone

Area III, Fine Arts/Humanities
3 units required

DVC

Area III, Arts and
Humanities

Area V, Physical Education/Wellness
1 unit required

Minimum of 1 unit of
activity courses includ-
ing:

KNACT, DANCE (for-
merly KNDAN) 100-
199, 1 unit or PH-124,
126, 127, 130, 135, 140,
164, 170

Area VI, Intercultural/International
Studies
3 units required

One course from:
ADS-155, ADJUS-130,
ANTHR-120, 130, 135,
ARCHI-158, ARTHS-
193, BUSMG-131,
COMM-125, CULN-228,
DRAMA-142, ECE-144,
EDUSP-101, ENGL-162,
163, 164, 166, 167, 168,
170, 173, 177, 178, 190,
225, 252, 262, 272, 273,
ETHN-101, FTVE-210,
260, 281, 283, GEOG-
130, 135, HIST-124,
125, 126, 127, 128, 129,
135, 136, 150, 151, 170,
171, 181, PH-137, 164,
170, HUMAN-112, 115,
116, 124, MUSIC-112,
114, 115, 117, 118, 119,
NUTRI-130, PHILO-
140, 145, 220, POLSC-
122, 123, 210, 220, 250,
252, PSYCH-122, 140,
141, 160, 220 SOCIO-
122, 124, 125, 131, 135,
SOCSC-110, 111, 120,
123, 220

Area VII, Information competency
1 units required

LS-121 required