

Respiratory therapy

**RESPIRATORY THERAPY – RT**

**Associate in science degree**

Respiratory therapy

**Associate in science degree - 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. For applications and information, contact the Ohlone College RT program director at [www.ohlone.edu/instr/rt](http://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>
CHEM-108 Introductory Chemistry .....	4
or	
CHEM-120 General College Chemistry I.....	5
ENGL-122 Freshman English: Composition and Reading .....	3
MATH-120 Intermediate Algebra (or any higher level math course) .....	5
BIOSC-119 Fundamentals of Microbiology .....	4
BIOSC-139 Human Anatomy.....	5
BIOSC-140 Human Physiology .....	5
PHYS-110 Elementary Physics.....	3

**total minimum units of program prerequisites 29-30**

*supporting course:*

PSYCH-200 Life Span Development.....	3
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**total units of supporting course 3**

*\*\*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 application.*

*recommended course before entering the program:*

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

**total units of recommended course 3**

*major requirements:*

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.....	0.5
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 .....	0.5
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 Simulations for Respiratory Care .....	0.5
RT 136* Critical Care Clinical Practice .....	3.5
RT 137* Home Respiratory Care and Pulmonary Rehabilitation .....	0.5
RT 138* Special Rotations in Respiratory Care .....	0.5
RT 139* Pulmonary Function Testing .....	1
RT 139L* Clinical Practice in Pulmonary Function Testing .....	0.5

**total minimum required units 44**

*\*These are Ohlone College courses.*

# DIABLO VALLEY COLLEGE CATALOG 2018-2019

any updates to this document can be found in the addendum at [www.dvc.edu/communication/catalog](http://www.dvc.edu/communication/catalog)

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*In addition to the courses above, students must complete general education:*

## **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 and KNDAN,  
1 unit or HSCI-124, 126,  
127, 130, 135, 140, 164,  
170

Area VI, Cultural diversity

One course from:  
ADS-155; ADJUS-130;  
ANTHR-120, 135;  
BUSMG-131; COMM-  
125; CULN-228;  
DRAMA-142; ECE-  
144; ENGL-162, 163,  
164, 166, 167, 168, 170,  
173, 177, 190, 225, 262;  
FTVE-210, 260; GEOG-  
130, 135; HIST-124, 125,  
126, 127, 128, 129, 135,  
136, 150, 151, 161, 170,  
171, 181; HUMAN-115,  
116; MUSIC-112, 114,  
115, 116; NUTRI-130;  
PHILO-220; POLSC-  
220, 250; PSYCH-140,  
141, 160, 220; SOCIO-  
124, 125, 131, 135;  
SOCSC-120, 220

Area VII, Information competency

LS-121 required