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. All applicants are required to attend a Pre-Application Orientation. Dates are posted annually on the Ohlone website.

**required program prerequisites or equivalents:** **units**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
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</thead>
<tbody>
<tr>
<td>BIOSC-119</td>
<td>Fundamentals of Microbiology</td>
<td>4</td>
</tr>
<tr>
<td>BIOSC-139</td>
<td>Human Anatomy</td>
<td>4</td>
</tr>
<tr>
<td>BIOSC-140</td>
<td>Human Physiology</td>
<td>5</td>
</tr>
<tr>
<td>PSYCH-200</td>
<td>Life Span Development</td>
<td>3</td>
</tr>
<tr>
<td>plus at least 4 units from:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CHEM-109</td>
<td>Introduction to Organic and Biochemistry</td>
<td>4</td>
</tr>
<tr>
<td>CHEM-120</td>
<td>General College Chemistry I</td>
<td>5</td>
</tr>
<tr>
<td>plus at least 3 units from:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENGL-122</td>
<td>First-Year College Composition and Reading</td>
<td>3</td>
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**plus at least 4 units from:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
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</thead>
<tbody>
<tr>
<td>MATH-119</td>
<td>Beginning and Intermediate Algebra</td>
<td>4</td>
</tr>
<tr>
<td>MATH-119SP</td>
<td>Beginning and Intermediate Algebra - Self-Paced</td>
<td>4</td>
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</tbody>
</table>

**total minimum units of program prerequisites** 28

**recommended course before entering the program:**

**complete at least 3 units from:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMM-120</td>
<td>Public Speaking</td>
<td>3</td>
</tr>
<tr>
<td>COMM-128</td>
<td>Interpersonal Communication</td>
<td>3</td>
</tr>
<tr>
<td>COMM-130</td>
<td>Small Group Communication</td>
<td>3</td>
</tr>
</tbody>
</table>

**major requirements:**

A. **AH 151** | Applied Clinical Pharmacology | 2
B. **RT 101L** | Principles of Respiratory Therapy I | 3
C. **RT 102** | Beginning Clinical Practice | 1
D. **RT 103** | Beginning Laboratory | 2
E. **RT 104** | Basic Patient Care | 0.5
F. **RT 105** | Principles of Respiratory Therapy II | 3
G. **RT 106** | Principles of Respiratory Therapy III | 3
H. **RT 107** | Intermediate Laboratory I | 1
I. **RT 108** | Intermediate Laboratory II | 0.5
J. **RT 109** | Intermediate Clinical Practice | 4
K. **RT 110** | Basic Principles of Respiratory Pathophysiology | 1
L. **RT 120** | Advanced Respiratory Therapy I | 2.5
M. **RT 121** | Advanced Respiratory Therapy II | 1.5
N. **RT 122** | Advanced Clinical Practice | 2
O. **RT 123** | Principles of Mechanical Ventilation I | 2.5
P. **RT 124** | Principles of Mechanical Ventilation II | 2.5
Q. **RT 125** | Advanced Laboratory | 1
R. **RT 126** | Mechanical Ventilation Laboratory | 2
S. **RT 127** | Neonatal and Pediatric Respiratory Care | 1
T. **RT 128** | Clinical Practicum in Neonatal and Pediatric Respiratory Care | 1.5
U. **RT 129** | Computer Simulations for Respiratory Care | 0.5
V. **RT 130** | Critical Care Clinical Practice | 3.5
W. **RT 131** | Critical Care Rehabilitation | 0.5
X. **RT 132** | Special Rotations in Respiratory Care | 0.5
Y. **RT 133** | Pulmonary Function Testing | 1
Z. **RT 134** | Clinical Practice in Pulmonary Function Testing | 0.5

**total minimum required RT units** 44

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

**Ohlone**

Area III, Fine Arts/Humanities  
3 units required

Area V, Physical Education/Wellness  
1 unit required

Area VI, Intercultural/International Studies  
3 units required

**DVC**

Area III, Arts and Humanities

Minimum of 1 unit of activity courses including:

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

One course from:


LS-121 required