

# RESPIRATORY CARE: AS DEGREE

The Respiratory Care Program is four semesters and one six week summer session. The program is designed to prepare qualified men and women to practice as respiratory care practitioners (RCPs). Upon completion of the program the student will be eligible to take the state licensing and the national registry examinations. The program is accredited by the Commission on Accreditation for Respiratory Care (CoARC). Respiratory Care is a healthcare specialty which deals with the care and treatment of patients with respiratory and cardiac disorders. RCPs work in a variety of settings, including acute and subacute hospitals, clinics, and home care. To remain in the program, student must maintain a "C" grade or above in Respiratory Care and a satisfactory grade in clinical.

## Program Learning Outcomes

1. Comprehend, apply, and evaluate clinical information relevant to their roles as advanced-level respiratory therapists (cognitive domain).
2. Be technically proficient in all the skills necessary to fulfill their roles as advanced-level respiratory therapists (psychomotor domain).
3. Exhibit professional behavior consistent with employer expectations as advanced-level respiratory therapists (affective domain).

## Degree Requirements

Code	Title	Units
<b>Prerequisites for Admission</b>		
CHEM-110	Introduction to Chemistry	4
MATH-106	College Algebra	3-4
	or MATH-232 Statistics	
OR Other Transferable MATH Course		
BIOL-218	Human Anatomy	5
BIOL-219	Human Physiology	5
BIOL-220	General Microbiology <sup>1</sup>	5
<b>Total Units</b>		<b>22-23</b>

Code	Title	Units
<b>Required Courses</b>		
RESP-120	Respiratory Care Theory I	6
RESP-130	Respiratory Care Laboratory I	4
RESP-140	Preparation for Clinical	1.5
RESP-150	Respiratory Care Theory II	3
RESP-160	Respiratory Care Pharmacology	3
RESP-170	Respiratory Care Clinical I	2.5
RESP-175	Resp Care Laboratory II	1.5
RESP-185	Respiratory Care Clinical II	2.5
RESP-200	Respiratory Care Theory III	2
RESP-210	Principles & Applications of Mechanical Ventilation/Lab	4
RESP-220	Neonatal/Pediatric Respiratory Care	4
RESP-230	Respiratory Care Topics I	1
RESP-250	Respiratory Care Clinical IV (5-unit option)	5
RESP-260	Respiratory Care Theory IV	1.5
RESP-270	Advanced Respiratory Care Laboratory	1
RESP-280	Respiratory Care Topics II	2

RESP-290	Respiratory Care Clinical VI (4-unit option)	4
RESP-290B	Computer Simulations in Respiratory Care	1
RESP-292	Respiratory Care Preceptorship	2.5
PSYC-125	Human Development	3

**Total Units** 55

## Notes:

1. All required courses must be completed with a grade of "C" or better.
2. To remain in the program, student must maintain a "C" grade or above in Respiratory Care and a satisfactory grade in clinical.
3. Transfer to a baccalaureate degree granting institution: Consult the catalog of the college or university of your choice and a Napa Valley College counselor for specific requirements.

To receive an Associate Degree, students must complete 60 degree applicable semester units with a grade point average of at least 2.0. Students must also complete the NVC General Education (<https://catalog.napavalley.edu/getting-your-degree/general-education/#nvcgeneraleducationtext>) pattern to earn an Associate degree. Consultation with a Counselor is highly encouraged to ensure all requirements are met.

## Program Map

Course	Title	Units
<b>First Year</b>		
<b>Fall</b>		
RESP-120	Respiratory Care Theory I	6
RESP-130	Respiratory Care Laboratory I	4
RESP-140	Preparation for Clinical	1.5
PSYC-125	Human Development <sup>1</sup>	3
	<b>Units</b>	<b>14.5</b>
<b>Spring</b>		
RESP-150	Respiratory Care Theory II	3
RESP-160	Respiratory Care Pharmacology	3
RESP-170	Respiratory Care Clinical I	2.5
RESP-175	Resp Care Laboratory II	1.5
English Composition <sup>1</sup>		3-4
	<b>Units</b>	<b>13-14</b>
<b>Summer</b>		
RESP-185	Respiratory Care Clinical II	2.5
	<b>Units</b>	<b>2.5</b>
<b>Second Year</b>		
<b>Fall</b>		
RESP-200	Respiratory Care Theory III	2
RESP-210	Principles & Applications of Mechanical Ventilation/Lab	4
RESP-220	Neonatal/Pediatric Respiratory Care	4
RESP-230	Respiratory Care Topics I	1
RESP-250	Respiratory Care Clinical IV	5
	<b>Units</b>	<b>16</b>
<b>Spring</b>		
RESP-260	Respiratory Care Theory IV	1.5
RESP-270	Advanced Respiratory Care Laboratory	1
RESP-280	Respiratory Care Topics II	2
RESP-290	Respiratory Care Clinical VI	4

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RESP-290B	Computer Simulations in Respiratory Care	1
RESP-292	Respiratory Care Preceptorship	2.5
<b>Units</b>		<b>12</b>
<b>Total Units</b>		<b>58-59</b>

<sup>1</sup> English Composition, PSYC-125 and Humanities/Multicultural/Gender Studies may be completed anytime prior to graduation.