

# Respiratory Care, AAS

The respiratory therapist is involved in a variety of lifesaving and life-supporting situations. Respiratory therapists treat patients ranging in age from newborns to senior citizens in the prevention, treatment, management and rehabilitation of lung problems. Employment is typically in hospitals but is available in several other health delivery venues. The health care needs of an aging population will play a role in the future of respiratory care.

JCCC's associate of applied science program is accredited by the Commission on Accreditation for Respiratory Care (CoARC [www.coarc.com](http://www.coarc.com) (<http://www.coarc.com>)). Graduates are eligible to take the National Board for Respiratory Care examinations for both the certified (CRT) and registered (RRT) respiratory therapist.

This is a selective admission program with limited enrollment. Prospective students are encouraged to visit the program website or contact JCCC program personnel for additional information and application materials at 913-469-2583.

Students must "pass" all clinical courses and maintain a grade of "C" or higher in all non-clinical courses to remain in the program.

(Major Code 237A; State CIP Code 51.0908)

- Respiratory Care (<http://www.jccc.edu/academics/health/respiratory-care>)

## Summer

ENGL 121	Composition I* (This prerequisite course must be completed before the clinic-year. Not completing the course clinic-year will delay credentialing eligibility.)	3
Social Science/Economics Elective <sup>^</sup>		3
<b>Total Hours</b>		<b>6</b>

<sup>^</sup> See all AAS general education electives (<http://catalog.jccc.edu/degreerequirements/associate-applied-science>)

## First Semester

BIOL 140	Human Anatomy (This prerequisite course must be completed before the clinic-year. Not completing the course clinic-year will delay credentialing eligibility.)	4
CHEM 122	Principles of Chemistry* (This prerequisite course must be completed before the clinic-year. Not completing the course clinic-year will delay credentialing eligibility.)	5
MATH 116	Intermediate Algebra* (This prerequisite course must be completed before the clinic-year. Not completing the course clinic-year will delay credentialing eligibility.)	3
or MATH 171	College Algebra*	
Humanities/Art Elective <sup>^</sup>		3
<b>Total Hours</b>		<b>15</b>

<sup>^</sup> See all AAS general education electives (<http://catalog.jccc.edu/degreerequirements/associate-applied-science>)

## Second Semester

BIOL 225	Human Physiology* (This prerequisite course must be completed before the clinic-year. Not completing the course clinic-year will delay credentialing eligibility.)	4
BIOL 230	Microbiology* (This prerequisite course must be completed before the clinic-year. Not completing the course clinic-year will delay credentialing eligibility.)	3
BIOL 231	Microbiology Lab*	2
Note: BIOL 231 is optional but strongly suggested.		
EMS 121	CPR I - Basic Life Support for Healthcare Provider	1
HC 101	Introduction to Health Care Delivery	3
Note: HC 101 is not a required course for the degree but is strongly encouraged. See the program application packet for details on how this course may be used to meet clinic-year eligibility requirements.		
Communications Elective <sup>^</sup>		3
<b>Total Hours</b>		<b>16</b>

<sup>^</sup> See all AAS general education electives (<http://catalog.jccc.edu/degreerequirements/associate-applied-science>)

**Summer (clinic-year)**

RC 125	Beginning Principles of Respiratory Care*	4
RC 130	Respiratory Care Equipment*	4
RC 135	Cardiopulmonary Medicine I*	1
<b>Total Hours</b>		<b>9</b>

**Third Semester**

RC 220	Cardiopulmonary Physiology*	2
RC 230	Clinical Topics and Procedures I*	4
RC 235	Cardiopulmonary Medicine II*	2
RC 240	Cardiopulmonary Pharmacology*	2
RC 271	Clinical Practice I*	6
<b>Total Hours</b>		<b>16</b>

**Fourth Semester**

RC 231	Clinical Topics and Procedures II*	4
RC 233	Respiratory Care of Children*	2
RC 236	Cardiopulmonary Medicine III*	2
RC 272	Clinical Practice II*	6
<b>Total Hours</b>		<b>14</b>

**Total Program Hours: 71-73**

**With HC Elective Course: 74-76**