

# Respiratory Care, AAS

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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)). Graduates are eligible to take the National Board for Respiratory Care examination to earn the Registered Respiratory Therapist credential.

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; CIP Code 51.0908)

Respiratory Care Program web page (<http://www.jccc.edu/academics/credit/respiratory-care/>)

## Associate of Applied Science Degree

### Prerequisite Semester

Code	Title	Hours
BIOL 144	Human Anatomy and Physiology*	5
Note: BIOL 140 and BIOL 225 will satisfy the BIOL 144 requirement.		
CHEM 122	Principles of Chemistry*	5
Note: CHEM 124 and CHEM 125 will satisfy the CHEM 122 requirement.		
ENGL 121	Composition I*	3
MATH 116	Intermediate Algebra* (or higher)	3
<b>Total Hours</b>		<b>16</b>

### First Semester

Code	Title	Hours
BIOL 230	Microbiology*	3
RC 120	Respiratory Structure and Function*	2
RC 124	Fundamentals of Respiratory Care*	6
RC 131	Cardiopulmonary Diagnostics*	3
<b>Total Hours</b>		<b>14</b>

### Second Semester

Code	Title	Hours
RC 136	Cardiopulmonary Diseases*	3
RC 140	Respiratory Care Pharmacology*	2
RC 145	Cardiopulmonary Critical Care I*	5
RC 146	Pediatric/Neonatal Respiratory Care*	2
<b>Total Hours</b>		<b>12</b>

### Third Semester

Code	Title	Hours
RC 255	Cardiopulmonary Critical Care II*	5
RC 271	Respiratory Care Clinical Experience I*	6
Social and Behavioral and Sciences Elective ^		3
<b>Total Hours</b>		<b>14</b>

## Fourth Semester

Code	Title	Hours
RC 265	Respiratory Care Program Capstone*	3
RC 272	Respiratory Care Clinical Experience II*	6
Humanities Elective ^		3
<b>Total Hours</b>		<b>12</b>

**Total Program Hours: 68**

\* This course has registration requirements.

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