

# Respiratory Care Associate of Applied Science

Full-time, Fall Start

[www.pima.edu/respiratory-aas](http://www.pima.edu/respiratory-aas)

Develop skills through classroom, laboratory, and clinical experience to become a Registered Respiratory Therapist (RRT). The Pima Community College Respiratory Care program is accredited by the Commission on Accreditation for Respiratory Care (CoARC).

**Special Admissions Program:** In order to be fully admitted to this program, you must fulfill the requirements listed on the program website. See the website or an advisor for details.

**Title IV Financial Aid eligible:** Yes

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## What can I do with this degree?

**Career options:** After earning a certification credential, seek employment as a respiratory therapist working in hospitals, intensive care units, emergency rooms, sleep laboratories, special-care facilities, doctor's offices, air transport, case management, and other clinical settings caring for cardiopulmonary patients.

**Academic options:** This program may apply toward a Bachelor of Applied Science (BAS). See an advisor.

### *CHOOSE YOUR COURSES WITH YOUR COLLEGE ADVISOR*

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## Placement

Students must meet prerequisite standards before taking MAT 097, REA 112 and WRT 101 in the preparatory coursework and pathway below. If you are not prepared for these courses based on placement results you will need to take courses to build your skills prior to taking them. The sequence of courses follows.

Math: ICS 081 > MAT 092 > MAT 097

Reading: ACL 080 > REA 091 > REA 112 or 112HP

Writing: ACL 080 > WRT 090 > WRT 101 (or WRT101S can replace both WRT 090 and WRT 101)

If BIO 201IH is chosen additional coursework may be needed.

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## Preparatory Coursework (Coursework Total: 4-11 credits)

Prior to applying for program admission, students must complete the following courses and/or attain the following scores:

BIO 156IN: Introductory Biology for Allied Health  
or BIO 201IH: Human Anatomy, Physiology and Histology (4 credits)

REA 112HP: Critical Reading for Health Professions (4 credits)  
or REA 112: Critical Reading (4 credits)  
or Accuplacer placement score of 92 or higher (0 credits)

MAT 097: Intermediate Algebra (3 credits)  
or placement into MAT 151 (0 credits)

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## Semester Pathway

This pathway is a suggested sequence of courses for your program of study. Work with an advisor to develop a unique pathway for you based on your placement recommendations, any prior college courses and your specific situation.

**Semester 1 - Fall (Semester Total: 16 credits)**

**RTH 110:** Introduction to Respiratory Therapy (2 credits)

**RTH 112:** RC Pathophysiology (4 credits)

**RTH 121:** Basic Therapeutics (3 credits)

**RTH 121LB:** Basic Therapeutics Lab (1 credit)

**RTH 156:** Cardiopulmonary Diseases I (3 credits)

**WRT 101:** English Composition I (3 credits)

**Semester 2 - Spring (Semester Total: 14 credits)**

**BIO 205IN:** Microbiology (4 credits)

**RTH 123:** Basic Assessment and Monitoring (3 credits)

**RTH 123LB:** Basic Assessment and Monitoring Lab (1 credit)

**RTH 124:** Pharmacology for Respiratory Care (3 credits)

**RTH 162:** Principles of Mechanical Ventilation (3 credits)

**Semester 3 - Summer (Semester Total: 8 credits)**

**HCA 152:** Advanced Cardiovascular Life Support (1 credit)

**RTH 135LC:** Clinical Procedures I (4 credits)

**WRT 102:** English Composition II (3 credits)

**Semester 4 - Fall (Semester Total: 15 credits)**

**PSY 101:** Introduction to Psychology (3 credits)

**RTH 241:** Application of Mechanical Ventilation (3 credits)

**RTH 241LB:** Application of Mechanical Ventilation Lab (1 credit)

**RTH 243:** Advanced Assessment & Monitoring (3 credits)

**RTH 243LB:** Advanced Assessment & Monitoring Lab (1 credit)

**RTH 245LC:** Clinical Procedures II (4 credits)

**Semester 5 - Spring (Semester Total: 15 credits)**

**HIS 141:** History of United States I (3 credits)  
or **HUM 260:** Intercultural Perspectives (3 credits)

**RTH 251:** Neonatal and Pediatric Specialty Therapeutics (4 credits)

**RTH 251LB:** Neonatal and Pediatric Specialty Therapeutics Lab (1 credit)

**RTH 255LC:** Clinical Procedures III (4 credits)

**RTH 256:** Cardiopulmonary Diseases II (2 credits)

**RTH 257LB:** Clinical Applications and Professional Development (1 credit)

**PROGRAM TOTAL: 68 credits**

**PROGRAM TOTAL WITH PREPARATORY COURSEWORK: 69-80 credits**

Program/Major Codes: **AASRESPTHERA/RTH1**

**Find more information about this program at:**  
**[www.pima.edu/respiratory-aas](http://www.pima.edu/respiratory-aas)**