

## **Respiratory Therapy – Associate in Applied Science (RECA.AAS)**

Respiratory Therapy is an allied health profession whose practitioners focus on diagnosis and treatment of cardiopulmonary disorders and diseases. A respiratory care practitioner can be instrumental in assisting a physician in the diagnosis, treatment and prevention of a wide spectrum of disorders affecting the heart and lungs and specializes in the application of scientific knowledge and theory to practical, clinical problems of respiratory care. A respiratory care practitioner is qualified to assume primary clinical responsibility for all respiratory care modalities, including responsibilities involved in supervision of respiratory technician functions.

This is a two-year program leading to an Associate in Applied Science degree. The curriculum consists of integrated didactic and clinical course work in approved clinical education affiliates. The program is designed to prepare the student for employment in the field of respiratory care. Positions are located within hospitals, long-term care facilities and other outpatient settings.

Upon successful completion, students are eligible to write the National Board for Respiratory Care (NBRC) exams. Satisfactory completion of the NBRC board certifying exams allow the respiratory care practitioner to use the initials of RRT, Registered Respiratory Therapist.

There are special admission requirements to the respiratory care program, and it is the student's responsibility to understand the requirements and adhere to them. Admission to the program is not guaranteed; entry into the program is competitive and based on a "point system." The order of acceptance of qualified applicants will be based on points achieved.

### **Applications are processed according to the following:**

- Applications must be received by the Allied Health Office by August 31.
- Students are notified by mail of application results.
- Accepted students begin winter semester.
- BIO 132 or BIO 253 and BIO 254 (3.0 minimum), MAT 130 (3.0 minimum), ENG 131 and MOA 120 must be successfully completed before admission to the program.

*Minimum credits: 74*

*Minimum cumulative GPA: 2.0*

*Minimum grade in all courses: 2.0*

*Minimum grade in BIO 132 or BIO 253 and BIO 254 and MAT 130: 3.0*

*Minimum Jackson College credits: 15*

## GENERAL EDUCATION REQUIREMENTS (18 CREDITS)

### GEO 1: Write clearly, concisely and intelligibly (3 credits)

**Choose one of the following:**

- ENG 131 Writing Experience I
- ENG 132 Writing Experience II

### GEO 2: Recognize the importance of effective communication in a dynamic and changing society (3 credits)

**Choose one of the following:**

- COM 231 Communication Fundamentals
- COM 240 Interpersonal Communication
- COM 250 Intercultural Communication
- HIS 211 Minority Groups in America
- HUM 131 Cultural Connections
- PHL 243 Great World Religions
- PLS 262 International Relations
- PSY 152 Social Psychology (or SOC 152 Social Psychology)
- SOC 246 Marriage & Family

### GEO 3: Demonstrate computational skills and mathematical reasoning (4 credits)

**Take the following:**

- MAT 130 Quantitative Reasoning (or higher)

### GEO 4: Demonstrate scientific reasoning (4-8 credits)

**Choose one of the following:**

\*If not selecting BIO 132, take both BIO 253 and BIO 254 to satisfy requirements.

- BIO 132 Human Biology
  
- BIO 253 Human Anatomy & Physiology I AND
- BIO 254 Human Anatomy & Physiology II

### GEO 5: Understand human behavior and social systems, and the principles which govern them (4 credits)

**Take the following:**

- PSY 130 General Psychology

### GEO 6: Identify artistic, linguistic, and theoretical perspectives across the human experience (3 credits)

**Choose one of the following:**

- HUM 131 Cultural Connections
- ENG 249 African-American Literature

## RESPIRATORY CARE CORE REQUIREMENTS (54 CREDITS)

**Take the following:**

- RES 100 Respiratory Care Techniques I
- RES 104 Cardiopulmonary Assessment I
- RES 110 Respiratory Care Techniques II

RES	114	Cardiopulmonary Pathophysiology I
RES	115	Clinical Practice I
RES	120	Respiratory Care Techniques III
RES	124	Respiratory Pharmacology
RES	125	Clinical Practice II
RES	126	Cardiopulmonary Pathophysiology II
RES	204	Diagnostic Theory
RES	205	Clinical Practice III
RES	207	Advanced Cardiopulmonary Anatomy & Physiology
RES	210	Perinatal & Pediatric Respiratory Care
RES	220	Respiratory Seminar
RES	225	Clinical Practice IV