

RCP PROGRAM COURSE PATHWAY

The following sequence is the *suggested* pathway to **complete the degree in eighteen months**. This sequence is based on satisfaction of all basic skills requirements and prerequisites and presumes a summer start date. An individual's program may vary depending on transfer institution, career objectives, or individual needs. See your academic advisor for other options and to monitor your progress.

Program Name: Respiratory Care Practitioner, AAS the goals of the Respiratory Care Practitioner Program are to prepare graduates with demonstrated competence in the cognitive (knowledge), psychomotor (skills), and affective (behavior) learning domains of respiratory care practice as performed by Registered Respiratory Care Practitioners / Therapists (RRT).

Program Learning Outcomes (PLOs):

1. Apply clinical information relative to anatomy, physiology, and the role of the Respiratory Care Practitioner.
2. Demonstrate the technical use of all applied modalities.
3. Describe the classifications, indications, benefits and adverse reactions of medication administration
4. Analyze the results of diagnostic studies to determine appropriate patient care.
5. Utilize professional communication and behavior that meets the expectations of the Respiratory Care Practitioner.
6. Employ infection control measures for the purpose of disease prevention.

FIRST Semester: Fall 2024

Courses – Asterisk (*) indicates required program courses	AGEC course	Terms	Credits
BIO 160*	N	F/SP/SU	4
MAT 121*	N	F/SP/SU	4

SECOND Semester: Spring 2024/2025

Courses – Asterisk (*) indicates required program courses	AGEC Course	Term	Credits
BIO 205* Microbiology	N	Fall	4
RES 101* Intro to Respiratory Care and Human Disease 8 weeks	N	Fall	4
RES 102* RCP Pharmacology 8 weeks	N	Fall	4
ENG 101*	Y	Fall	3

THIRD Semester: Summer 2025

Courses – Asterisk (*) indicates required program courses	AGEC Course	Term	Credits
RES 103* RCP Therapeutics and Equipment with Lab 8 weeks	N	Summer	4
COM 121*	Y	Summer	3

FOURTH Semester: Fall 2025

Courses – Asterisk (*) indicates required program courses	AGEC Course	Term	Credits
RES 104* RCP Principal Applications of Mechanical Ventilation and Life Support with Lab 8 weeks	N	Spring	4
RES 105* RCP Clinical I	N	Spring	3 (135 hours)
MEA 100* Medical Law and Ethics	N	F/SP	3

FIFTH Semester: Spring 2026

Courses – Asterisk (*) indicates required program courses	AGEC Course	Term	Credits
RES 201* RCP Clinical II	N	Fall	7 (315 hours)
RES 202* RCP Perinatal / Neonatal / Pediatric 8 weeks	N	Fall	2
RES 205* RCP Advanced Diagnostics 8 weeks	N	Fall	2
PSY 101*	Y	F/SP/SU	3

SIXTH Semester: Summer 2026

Courses – Asterisk (*) indicates required program courses	AGEC Course	Term	Credits
RES 203* RCP Clinical III	N	Summer	4 (180 hours)
RES 204* RCP Transition to Professional Practice 8 weeks	N	Summer	2

G=on ground instruction

O= online

All=All modalities

P=Plural

Key:

SP= Spring

F= Fall

SU= Summer

1. Aesthetic Sensibilities: An awareness of creative expression in the world around us.
2. Communication Skills: The ability to effectively convey meaning through various media on both personal and professional levels.
3. Critical Thinking Skills and Problem-Solving: The ability to analyze data and arrive at logical and defensible conclusions.
4. Cultural Diversity and Global Awareness: An appreciation of relationships and differences in values, customs, and norms of diverse global communities.
5. Techniques of Inquiry: Use of standardized methodological framework to collect, analyze, interpret, and present findings.
6. Technological Competency: A proficiency in evolving technology to compete and flourish in society.