



Program: Respiratory Care AAS (74 credits)		Division: Health Professions	
Student:	ID#:	Catalog Yr: 2017-18	

GENERAL EDUCATION REQUIREMENTS –AAS (24-25 credits)

√	Course#	Course Name	Cr.	Req.	Pre-requisites	Sem.	Code [^]
	ORI-103*	College Success Strategies	3	X		All & OL	
	COM-121*	English Composition I	3	X	COM-061 or ESL-060 and COM-051 or ESL-050 (C or better)	All & OL	WC/IL
	IFT-110*	Microcomputer Applications	3	X	MAT-020 and COM-061 or ESL-060	All & OL	TC
HUMANITIES: 6 credits							
Select 1 course from the following:							
	COM-151*	Fundamentals of Speech	3	X	COM-061 or ESL-060 and COM-051 or ESL-050	All & OL	OC
	COM-141	Technical Writing	3		COM-121 or COM-122 (C or better)	F/Sp & OL	OC
Select 1 course from the following:							
	PHI-271*	Philosophy	3	X	COM-121 or COM-122	All & OL	AU
	PHI-275*	Ethics	3		COM-121 or COM-122	F/Sp	AU
MATHEMATICS: 3 credits (Select 1 course)							
	MAT-210	Statistics	3	X	Student can take MAT-030, MAT-034 or MAT 035. COM-061 or ESL-060, COM-051 or ESL-050	All & OL	QR/CA
	MAT-150	Foundations of Math	3		Student can take MAT-030, MAT-032, or MAT 035. COM-061 or ESL-060, COM-041 or ESL-040	All & OL	QT/CA
NATURAL/PHYSICAL SCIENCES: 3 or 4 credits (Select 1 course)							
	BIO-250	Anatomy & Physiology 1	4	X	BIO -140 or BIO-150 w/"C" or better; CHE-120 w/"C" or better; COM-051 or ESL 050; COM-061 or ESL 060	All	SR
SOCIAL SCIENCES: 3 credits (Select 1 course)							
	PSY-130*	General Psychology	3	X	COM-061 or ESL-060 and COM-051 or ESL-050	All & OL	CU
	SOC-130*	Sociology	3		COM-061 or ESL-060 and COM-051 or ESL-050	All & OL	CU

*Sections of these courses offered in the Honors Program, check <https://www.racc.edu/academics/honors-program> for details.

Online (OL) may not be offered every semester. Please check the schedule.

[^] Code	This course fulfills the Core Competency for:
WC/IL	Written Communication/Information Literacy
OC	Oral Communication
QR/CA	Quantitative Reasoning/Critical Analysis
CU	Cultural Understanding
AU	Aesthetic Understanding
SR	Scientific Reasoning
TC	Digital/Technical Competence



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MAJOR REQUIREMENTS (50 credits)

SEMESTER 1							
√	Course#	Course Name	Cr.	Req.	Pre-requisites	Sem.	Grade
	RES-150	Respiratory Care 1	5	X	BIO-250 with C or better, Selective Admissions	Fall	
	RES-212	Pharmacology	2	X	BIO-250 with C or better, Selective Admissions	Fall	
SEMESTER 2							
√	Course#	Course Name	Cr.	Req.	Pre-requisites	Sem.	Grade
	BIO-255	Anatomy & Physiology 2	4	X	BIO-250 with C or better	All	
	RES-200	Cardiopulmonary Physiologic Processes	2	X	BIO-250 with C or better, Selective Admissions	Spring	
	RES-227	Respiratory Care 2	8	X	RES-150, RES-200, RES-212, ORI-102, COM-121 or COM-122	Spring	
SUMMER SESSION							
√	Course#	Course Name	Cr.	Req.	Pre-requisites	Sem.	Grade
	RES-237	Respiratory Care 3	3	X	RES-227, BIO-255, MAT-150 or MAT-210; PSY-130 or SOC-130	Summer	
SEMESTER 3							
√	Course#	Course Name	Cr.	Req.	Pre-requisites	Sem.	Grade
	BIO-280	Microbiology	4	X	BIO-140 or BIO-150 w/"C" or better; CHE 120 w/"C" or better; COM-061 or ESL-060 and COM-051 or ESL-050/1	All	
	RES-255	Respiratory Care 4	10	X	RES-237, IFT-110	Fall	
SEMESTER 4							
√	Course#	Course Name	Cr.	Req.	Pre-requisites	Sem.	Grade
	RES-265	Respiratory Care 5	12	X	BIO-280, COM-151	Spring	

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