

READING AREA COMMUNITY COLLEGE
DIVISION OF HEALTH PROFESSIONS – CURRICULUM GUIDE

RESPIRATORY CARE AAS DEGREE

Student's Name: _____ Student ID#: _____

Advisor: _____ Catalog: _____

DEVELOPMENTAL COURSES DETERMINED BY PLACEMENT TESTS:

		Semester Offered	Prerequisite	Semester Completed	Credit Hours	Final Grade
COM 018	Foundations of Reading & Writing	ALL	Placement testing		5	
COM 021	Basics of College Reading	All	COM 018 or placement testing		3	
COM 040	Basic Writing I Workshop	All	Placement test score		4	
COM 041	Basic Writing I	All	Placement test score		3	
COM 050	Basic Writing II Workshop	All	COM 021, COM 040 or COM 041 (C or better)		3	
COM 051	Basic Writing II	All	COM 021, COM 040 or COM 041 (C or better)		3	
COM 061	Advanced Reading	All	COM 021		3	
MAT 018	Foundational Math	All	COM 021		4	
MAT 020	Basics of College Math	All	COM 021, placement test		3	
MAT 030 or MAT 035	Algebra I Algebra I with Quadratics	All	MAT 020, COM 021		3	
CHE 120	Principles of Chemistry or high school Chemistry	All	COM 061, MAT 030 or higher level		4	
BIO 150	Biology I	All	COM 061, COM 050 or COM 051, CHE 120 or high school Chemistry		4	
BIO 250	Anatomy & Physiology I	All	BIO 150		4	

****MEET WITH THE PROGRAM DIRECTOR AND SUBMIT A LETTER OF INTENT BY APRIL 15 PRIOR TO THE INTENDED FIRST FALL SEMESTER OF RESPIRATORY CARE (RES) COURSES****

Must complete all required courses with a grade of 'C' (2.0) or higher and maintain a cumulative GPA of 2.5

First Semester (Fall)

		Semester Offered	Prerequisite	Semester Completed	Credit Hours	Final Grade
RES 150	Respiratory Care I	Fall	BIO 250, Program & Clinical Director Approvals		5	
RES 200	Cardiopulmonary Physiologic Processes	Fall	BIO 250, Program & Clinical Director Approvals		2	
RES 212	Pharmacology	Fall	BIO 250, Program & Clinical Director Approvals		2	
ORI 102	College Success Strategies	All	COM 009		2	
COM 121	English Composition	All	COM 050 or COM 051, COM 061		3	

Second Semester (Spring)

		Semester Offered	Prerequisite	Semester Completed	Credit Hours	Final Grade
RES 227	Respiratory Care II	Spring	RES 150, RES 200, RES 212, ORI 102, COM 121, BIO 250 with a 'C' or higher		8	
MAT 110, or MAT 150, or MAT 160, or MAT 210	Algebra II Foundations of Math College Algebra Statistics	All	MAT 030 or MAT 035 or higher (Refer to college catalog for specific courses)		3	
PSY 130 or SOC 130	General Psychology or Sociology	All	COM 050 or COM 051, COM 061		3	
BIO 255	Anatomy & Physiology II	All	BIO 250		4	

Third Semester (Summer)

		Semester Offered	Prerequisite	Semester Completed	Credit Hours	Final Grade
RES 237	Respiratory Care III	Summer	RES 227; BIO 255; MAT 110, 150, 160, or 210; and PSY 130 or SOC 130 with a 'C' or higher		3	
IFT 110	Microcomputer Applications	All	COM 061, MAT 020		3	

Fourth Semester (Fall)

		Semester Offered	Prerequisite	Semester Completed	Credit Hours	Final Grade
RES 255	Respiratory Care IV	Fall	RES 237, IFT 110 with a 'C' or higher		10	
BIO 280	Microbiology	All	BIO 150		4	
COM 141 or 151	Technical Writing or Fundamentals of Speech	All	COM 121 or COM 050/051		3	

Fifth and Final Semester (Spring)

		Semester Offered	Prerequisite	Semester Completed	Credit Hours	Final Grade
RES 265	Respiratory Care V	Spring	RES 255, BIO 280, COM 131 or COM 141 with a 'C' or higher		12	
PHI 271 or 275	Introduction to Philosophy or Ethics	All	COM 121		3	

CHECKLIST FOR STUDENT ADVISEMENT:

- Student explained why he/she wants to be a Respiratory Therapist
- First and second year curriculum design reviewed with student
- Recommended job shadowing and/or a visit to the AARC website
- Reviewed GPA and prerequisite requirements, Letter of Intent, and Selection Process for clinical*
- Discussed location of clinical sites
- Asked if student has questions

ADDITIONAL NOTES:

*Below are important notes regarding eligibility for the clinical phase of the Program (RES courses).

1. No course in the Respiratory Care curriculum, or which is a prerequisite for a course in the curriculum, can be repeated more than once. This requirement includes any courses taken at RACC or at another institution. It also includes courses from which the student may have withdrawn or in which the student earned less than a "C" grade.
2. No more than 12 credits of the Respiratory Care curriculum may be repeated. This includes courses taken at RACC and at other institutions. It also includes withdrawals or courses in which the student earned less than a "C" grade.
3. Successful completion of Anatomy and Physiology courses may not be older than five years. An exception of this requirement is evidence of advanced, related study at the junior level or higher that is less than five years old and for which the passing of Anatomy and Physiology was a pre-requisite.
4. Course repeats or withdrawals that are older than ten years may be excluded from consideration in the admissions process at the discretion of the program head.