

# RESPIRATORY CARE

counselor to determine the appropriate math required for your current major.

Code	Title	Credit Hours
BIO-1100	Introduction to Biological Chemistry <sup>1</sup>	3
BIO-2331	Anatomy and Physiology I	4
MATH-1190	Algebraic and Quantitative Reasoning (or higher Approved Ohio Transfer 36 Mathematics course)	3
RESP-1100	Introduction to Respiratory Care	1
Select one of the following:		3
ENG-1010	College Composition I	
ENG-101H	Honors College Composition I	
RESP-1300	Respiratory Care Equipment	4
RESP-1310	Cardiopulmonary Physiology	3
Select one of the following:		3
ENG-1020	College Composition II	
ENG-102H	Honors College Composition II	
Select one of the following:		3
PSY-1010	General Psychology	
PSY-101H	Honors General Psychology	
BIO-2341	Anatomy and Physiology II	4
RESP-1320	Acid-Base and Hemodynamics	2
RESP-1330	Cardiopulmonary Assessment and Pulmonary Diseases	5
RESP-1340	Pharmacology for Respiratory Care	2
Select one of the following:		3
PHIL-2050	Bioethics	
PHIL-205H	Honors Bioethics	
RESP-2210	Introduction to Mechanical Ventilation	1
RESP-2300	Basic Therapeutic Procedures	3
RESP-2940	Respiratory Care Field Experience I	1
BIO-2500	Microbiology	4
RESP-2310	Mechanical Ventilation	4
RESP-2320	Pediatric/Neonatal Respiratory Care	2
RESP-2950	Respiratory Care Field Experience II	2
RESP-2330	Respiratory Home Care/Rehabilitation	1
RESP-2342	Patient Management Problems	2
RESP-2960	Respiratory Care Field Experience III	2

<sup>1</sup> CHEM-1010 Introduction to Inorganic Chemistry and CHEM-1020 Introduction to Organic Chemistry and Biochemistry will be accepted in place of BIO-1100 Introduction to Biological Chemistry.

<sup>2</sup> Requires sufficient score on Biology placement test to take this course in the same semester as BIO-1100 Introduction to Biological Chemistry.

<sup>3</sup> MATH-1240 Contemporary Mathematics taken prior to Fall 2024 will be accepted to meet the mathematics requirement for this program.

MATH-1140, MATH-1141, MATH-1200, MATH-1270, and MATH-1280 can no longer count towards fulfilling the college-level mathematics requirement. These courses were re-classified as developmental mathematics by the state of Ohio in 2016. Tri-C established a 5-year transitioning window for students who had completed these courses prior to 2016 to apply them towards meeting graduation requirements, which expired in Summer 2021. It is highly recommended to see a