

Respiratory Care- Associate in Applied Science (2024-2025 Catalog)

Developmental Education Courses (if required)

<input type="checkbox"/>	ACLS050	Introduction to Academic Literacy
<input type="checkbox"/>	ENGL027	Writing Skills Workshop
<input type="checkbox"/>	MATH020	Pre-Algebra
<input type="checkbox"/>	MATH022	Elementary Algebra
<input type="checkbox"/>	MATH026	Intermediate Algebra

Placement in English and/or Mathematics must first be determined by official transcripts and/or placement testing. Developmental education courses are only taken if needed based on a student's placement; these courses would be in addition to the courses outlined below. Developmental education courses may extend the timeline to degree completion.

Transferring credits into NCC: Official transcripts are required; awarded credit will appear in Workday's Academic Progress.

Respiratory Care Program Prerequisites

<input type="checkbox"/>	BIOS115 or HS Biology w/lab & grade of B or better	<input type="checkbox"/>	MATH022 or HS Algebra I with a C or better
<input type="checkbox"/>	CHEM135 or HS Chemistry w/lab & grade of B or better	<input type="checkbox"/>	MATH026 or HS Algebra II with a C or better

	complete	Course #	Course Title	Credits	Prerequisites / Corequisites
Summer	<input type="checkbox"/>	COLS101	College Success	1	Exempt: COLS150 or 12+ transfer credits & 2.0 GPA
	<input type="checkbox"/>	BIOS204	Human Anatomy and Physiology I	4	PRE: One year of HS Biology or BIOS107 or 115
	<input type="checkbox"/>	MATH150 or MATH140	Introductory Statistics or College Algebra	3	PRE: MATH022 or Math Placement PRE: MATH026 or Math Placement
			Total Semester Credits:	8	
Fall	<input type="checkbox"/>	BIOS254	Human Anatomy and Physiology II	4	PRE: BIOS204 with a C or better
	<input type="checkbox"/>	ENGL101	English I	3	PRE: ENGL Placement Policy
	<input type="checkbox"/>	PSYC103*	Introduction to Psychology	3	PRE: ENGL Placement Policy
	<input type="checkbox"/>	RESP101	Introduction to Respiratory Care	5	PRE: BIOS204 with a C or better; CO: RESP102
	<input type="checkbox"/>	RESP102	Respiratory Care Pharmacology	2	PRE: BIOS204 with a C or better; CO: RESP101
		Total Semester Credits:	17		
Winter	<input type="checkbox"/>	COMM101	Introduction to Communication	3	
		Total Semester Credits:	3		
Spring	<input type="checkbox"/>	BIOS202	Microbiology for Allied Health	4	PRE: BIOS107, BIOS160, or BIOS204
	<input type="checkbox"/>	PHIL202*	Ethics and Moral Problems	3	PRE: ENGL101
	<input type="checkbox"/>	ENGL151L	English II	3	PRE: ENGL101
	<input type="checkbox"/>	RESP103	Respiratory Care Therapeutic Modalities	6	PRE: RESP101 and RESP102 with a C or better
		Total Semester Credits:	16		
Summer	<input type="checkbox"/>	RESP201	Cardiopulmonary Disease Process	2	PRE: RESP103 with a C or better; CO: RESP 202
	<input type="checkbox"/>	RESP202	Mechanical Ventilation	6	PRE: RESP103 with a C or better; CO: RESP201
		Total Semester Credits:	8		
Fall	<input type="checkbox"/>	RESP203	Neonatal and Pediatric Respiratory Care	2	PRE: RESP201 & 202 with a C or better; CO: RESP204
	<input type="checkbox"/>	RESP204	Respiratory Care Critical Care	5	PRE: RESP 201 & 202 with a C or better; CO: RESP 203 with a C or better
	<input type="checkbox"/>	SOCA102*	Cultural Anthropology	3	PRE: ENGL101
		Total Semester Credits:	10		
Spring	<input type="checkbox"/>	RESP205	Respiratory Care Practicum	4	PRE: RESP203 and 204 with a C or better
		Total Semester Credits:	4		
		Total Degree Credits	66		

Program Notes:

Admission is on a selective basis. The application must be completed by the deadline outlined online under *Admission Requirements*. This is a selective program, please carefully and regularly review all provided information and requirements. Meeting the minimum requirements does not guarantee admission. Primary consideration is given to those who have received a grade of B or better in the program sciences on the first attempt.

Students who wish to take general education requirements towards Respiratory Care may apply to the Health Sciences program.

*One of the three General Education Electives must be taken as a Writing Intensive section: PHIL202G, PSYC103G, or SOCA102G. Writing intensive course codes ends in "G". Example: PHIL202G is writing intensive. PHIL202 is not.

Additional Requirements:

After acceptance into the program, students are required to submit the following:

- Background Clearances (PA State Police, FBI, Child Abuse)
- Health Insurance
- Physical Examination
- Immunizations
- Titers
- COVID-19 and Flu Vaccinations
- Urine Drug Screen
- BLS for Healthcare Providers (CPR) Certification

General Education Requirements

<input type="checkbox"/>	ENGL151L	Diversity
<input type="checkbox"/>		Writing Intensive (*see note)

It is the student's responsibility to be knowledgeable of NCC admission and graduation requirements and to verify transfer requirements with the 4-year institution. Courses listed on the program map are based upon the assumption that prerequisites and courses taken in previous semesters will be successfully completed.