



Appendix A

Degree Plan/Pathway Catalog Year 2024-2025

AAS in Respiratory Care to Bachelor of Science in Allied Health

Suggested Transfer Pathway at Tri-C (2+2)

Program Admission Requirements	Course Title	Credits
BIO 1100	INTRODUCTION TO BIOLOGICAL CHEMISTRY	3
BIO 2331	ANATOMY AND PHYSIOLOGY I	4
MATH 1190	ALGEBRAIC AND QUANTITATIVE REASONING	3
ENG 1010/101H	COLLEGE COMPOSITION I/HONORS	3
RESP 1100	INTRODUCTION TO RESPIRATORY CARE	1
		14

First Semester	Course Title	Credits	Second Semester	Course Title	Credits
RESP 1300	RESPIRATORY CARE EQUIPMENT	4	BIO 2341	ANATOMY AND PHYSIOLOGY II	4
RESP 1310	CARDIOPULMONARY PHYSIOLOGY	3	RESP 1320	ACID-BASE AND HEMODYNAMICS	2
ENG 1020/102H	COLLEGE COMPOSITION II/HONORS	3	RESP 1330	CARDIOPULMONARY ASSESSMENT AND PULMONARY DISEASES	5
PSY 1010/101H	GENERAL PSYCHOLOGY/HONORS	3	RESP 1340	PHARMACOLOGY FOR RESPIRATORY CARE	2
			PHIL 2050/205H	BIOETHICS/HONORS	3
		13			16

Summer One	Course Title	Credits	Third Semester	Course Title	Credits
RESP 2210	INTRODUCTION TO MECHANICAL VENTILATION	1	BIO 2500	MICROBIOLOGY	4
RESP 2300	BASIC THERAPEUTIC PROCEDURES	3	RESP 2310	MECHANICAL VENTILATION	4
RESP 2940	RESPIRATORY CARE FIELD EXP I	1	RESP 2320	PEDIATRIC/NEONATAL RESPIRATORY CARE	2
			RESP 2950	RESPIRATORY CARE FIELD EXP II	2
		5			12

Fourth Semester	Course Title	Credits
RESP 2330	RESPIRATORY HOME CARE/REHABILITATION	1
RESP 2342	PATIENT MANAGEMENT PROBLEMS	2
RESP 2960	RESPIRATORY CARE FIELD EXP III	2
		5

Associate of Applied Science Degree Awarded Total Hours: 65

Course sequence may change based on the individual needs of the student and schedule type required.

New college students may be required during their first semester to participate in GEN 1070, First Year Success Seminar, a one credit hour course. See a Tri-C Counselor for details

Suggested Degree Plan at YSU

Fifth Semester	Course Title	Credits	Sixth Semester	Course Title	Credits
CMST 1545	SPEECH COMMUNICATION	3	GER ELCT	APPROVED OT 36 ELECTIVE	3
AHLT 3704	QUANTITATIVE METHODS IN HEALTH SCIENCES	3	*UD CRSE	UPPER DIVISION ELECTIVE	3
PHLT 3708	PREVENTATIVE PUBLIC HEALTH CARE	3	AHLT 3740	PATHIOLOGY OF INFECTIOUS DISEASES	3
AHLT 3711	HEALTH CARE INFORMATION SYSTEMS	3	AHLT 4806	RESEARCH METHODS	3
ELCT CRSE	ELECTIVE COURSE	3	AHLT 4810	MANAGEMENT SKILLS FOR HEALTH CARE PROFESSIONALS	3
		15			15

Seventh Semester	Course Title	Credits	Eight Semester	Course Title	Credits
GER ELCT	APPROVED ARTS & HUMANITIES ELECTIVE	3	*UD CRSE	UPPER DIVISON ELECTIVE	3
GER ELCT	OT36 APPROVED GENERAL EDUCATION REQUIREMENT	3	AHLT 4820	DIRECTED RESEARCH	3
*UD CRSE	UPPER DIVISION ELECTIVE	3	AHLT 5807	EPIDEMIOLOGY	3
AHLT 4805	HEALTH EDUCATION	3	AHLT 5840	COMPARATIVE HEALTH SYSTEMS	3
ELCT CRSE	ELECTIVE COURSE	3	ELCT CRSE	ELECTIVE COURSE	2
		12			14

Total YSU Hours: 56

Bachelor of Science in Applied Science Degree Awarded Total Hours: 121

**With the submission of an unencumbered Respiratory Care License, students will receive 10 credit hours of AHLT 37XEC which will be used to replace the Upper Division Elective courses.*

All courses are offered on a 7-week accelerated schedule. Each semester there will be two 7-week sessions offered. This Transfer Pathway represents one example of how to complete an associate and bachelor degree. Students should work closely with advisors at both institutions to discuss options. Students should work with an Allied Health advisor to identify a (minor or a second major/etc.). An Allied Health advisor can also assist students with developing a graduation plan for full- or part-time study.

Taking certain elective courses will allow the student to come in at junior status.

This program awards maximum credit for an associate degree from Cuyahoga Community College, streamlining completion of a bachelor's degree from **Youngstown State University**.

All students must meet or complete:

- all residency requirements 30 credits and 16 upper division for YSU, plus major and minor residency
- an Experiential Learning requirement (Ex.: internship, field experience, community service)

This information is provided by both institutions solely for convenience and expressly disclaims any liability which may otherwise be incurred. This is neither a contract nor an offer to make a contract. While every effort has been made to ensure the accuracy of the information, each institution reserves the right to make changes at any time with respect to course offerings, degree requirements, services provided, or any other subject addressed herein.

See ATTACHMENT A for Articulation Criteria and Benefits

Updated January 2025