

This roadmap is a recommended semester-by-semester plan of study for this major. However, courses and milestones designed as critical (!) must be completed in the semester listed to ensure a timely graduation.

Critical	Course Subject and Title	Credit Hours	Min. Grade	Major GPA	Attribute	Notes
Semester One [14-16 Credits]						
Requirement: Admission into the Respiratory Therapy Technology program						
!	RTT 10000 Introduction to Respiratory Therapy ¹	4	C	■		
!	RTT 11003 Application and Mechanisms of Cardiopulmonary Anatomy and Physiology ¹	3	C	■		
	BSCI 11010 Foundational Anatomy and Physiology I ² (3) or BSCI 21010 Anatomy and Physiology I ² (4)	3 - 4	C		KBS	
	CHEM 10050 Fundamentals of Chemistry (3) or CHEM 10055 Molecules of Life (3) or CHEM 10060 General Chemistry I (4) or CHEM 10061 General Chemistry II (4)	3 - 4	C		KBS	
	UC 10097 Destination Kent State: First Year Experience ³	1	C			
Semester Two [9-11 Credits]						
	BSCI 11020 Foundational Anatomy and Physiology II ² (3) or BSCI 21020 Anatomy and Physiology II ² (4)	3-4	C		KBS	
	PHY 12111 Physics for Health Technologies (3) or PHY 13001 General College Physics I (4) or PHY 13002 General College Physics I (4) or PHY 13011 College Physics I (2) and PHY 13012 College Physics II (2)	3 - 4	C		KBS KBS KBS KBS	
	Kent Core Requirement	3	C			
Semester Three [16-17 Credits]						
!	RTT 11001 Respiratory Care Pharmacology or AHS 12000 Basic Principles of Pharmacology (2)	2	C			
!	RTT 11002 Cardiopulmonary Diseases	3	C			
!	RTT 11004 Therapeutics	6	C	■		
!	RTT 11008 Blood Gas Analysis	2	C	■		
	BSCI 20021 Basic Microbiology (3) or BSCI 30171 General Microbiology (4)	3 - 4	C			
Semester Four [13 Credits]						
!	RTT 21001 Mechanical Ventilation	5	C	■		
!	RTT 21003 Perinatal and Pediatric Respiratory Therapy	2	C	■		
!	RTT 21004 Advanced Diagnostics	3	C	■		
	Kent Core Requirement	3	C			
Semester Five [4 Credits]						
!	RTT 21000 Critical Care	4	C	■		
Semester Six [9 Credits]						
!	RTT 21006 Pulmonary Rehabilitation and Continuing Care	1	C	■		
!	RTT 21013 Respiratory Therapy Capstone	2	C	■		
	PSYC 11762 General Psychology	3	C		DD/KSS	
	Kent Core Requirement	3	C			

Graduation Requirements Summary

Minimum Total Hours	Minimum	
	Major GPA	Overall GPA
65	2.000	2.000

- Enrollment in this course is limited to students accepted to technical study which is a selective process based on the following criteria: Students must have an overall GPA of 2.700; take or test out of MATH 00023 or equivalent; complete the following courses with a minimum C grade: BSCI 11010 or BSCI 21010 or equivalent and CHEM 10050, CHEM 10055, CHEM 10060 or CHEM 10061; and complete four (4) hours of job shadowing experience for admission to the program.
- Students who have successfully completed ATTR/EXSC 25057/25058 Human Anatomy and Physiology I/II may use those courses in place of BSCI 11010/11020 Foundational Anatomy and Physiology I/II or BSCI 21010/21020 Anatomy and Physiology I/II.
- UC 10097 is not required of transfer students with 25 credits (excluding College Credit Plus) or students age 21+ at time of admission.

University Requirements: Applied and technical associate degree-seeking students must fulfill selected Kent Core (general education requirements). For more information about this requirement, please read the following section in the University Catalog: Kent Core – www.kent.edu/catalog/kent-core.

Attribute Legend: DD Diversity–Domestic; DG Diversity–Global; ELR Experiential Learning; KAD Kent Core Additional; KBS Kent Core Basic Sciences; KCM Kent Core Composition; KFA Kent Core Fine Arts; KHU Kent Core Humanities; KMC Kent Core Mathematics and Critical Reasoning; KSS Kent Core Social Sciences; WIC Writing Intensive