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	Upper Div.	Min. Grade	Major GPA	Type	Term Taken
Semester One [16-20 Credits]							
Requirement: Admission into the Respiratory Therapy Technology program							
!	**RTT 11000 Introduction to Respiratory Therapy** [1]	**2**		**C**	■		
!	**RTT 11003 Application and Mechanisms of Cardiopulmonary Anatomy and Physiology** [1]	**3**		**C**	■		
!	**RTT 11006 Introduction to Clinical Respiratory Care** [1]	**3**		**C**	■		
	BSCI 11010 Anatomy and Physiology I for Allied Health [2] (3) *or* BSCI 20020 Biological Structure and Function [2] (5)	3 - 5		C			
	CHEM 10050 Fundamentals of Chemistry (3) *or* CHEM 10054 General and Elementary Organic Chemistry (5) *or* CHEM 10060 General Chemistry I (4) *or* CHEM 10061 General Chemistry II (4)	3 - 5		C			
	HED 14020 Medical Terminology (3) *or* PTST 10009 Medical Terminology (1)	1		C			
	US 10097 Destination Kent State: First Year Experience [3]	1		C			
Semester Two [6-10 Credits]							
	BSCI 11020 Anatomy and Physiology II for Allied Health [2] (3)	0 - 3		C			
	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			
	Kent Core Requirement	3		C			
Semester Three [16-17 Credits]							
!	**RTT 11001 Respiratory Care Pharmacology**	**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 [13 Credits]							
!	**RTT 21005 Pulmonary Rehabilitation and Continuing Care**	**2**		**C**	■		
!	**RTT 21010 Respiratory Therapy Capstone**	**3**		**C**	■		
!	**RTT 21012 Basic Research Development and Analysis**	**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
70	2.000	2.000

1. 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 a cumulative GPA of 2.700, college or high school biology, chemistry and take or test out of MATH 00023 or equivalent, and complete four (4) hours of job shadowing experience for admission to the program.
2. Students who have successfully completed ATTR/EXSC 25057/25058 Human Anatomy and Physiology I/II may use those courses in place of BSCI 20020 Biological Structure and Function or BSCI 11010/11020 Anatomy and Physiology in Allied Health I/II. BSCI 11020 must be taken if BSCI 11010 was previously selected.
3. US 10097 is not required of transfer students with 25 credits or students age 21+ at time of admission.

All courses required in Respiratory Therapy Technology require a minimum C (2.000) grade.

University Requirements Summary

Type	Categories	Course(s) Satisfying Category	Remaining Requirements
KCM	**Kent Core I. Composition** Enrollment based on placement test	visit http://www.kent.edu/catalog/kent-core	3
KMC	**Kent Core II. Mathematics and Critical Reasoning** Enrollment based on placement test	visit http://www.kent.edu/catalog/kent-core	3
KFH	**Kent Core III. Humanities and Fine Arts**	visit http://www.kent.edu/catalog/kent-core	3
KSS	**Kent Core IV. Social Sciences**	PSYC 11762	fulfilled
KBS	**Kent Core V. Basic Sciences**	Fulfilled by Biology Requirement	fulfilled