

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

Course Subject and Title	Credit Hours	Min. Grade	Major GPA	Important Notes
<b>Semester One: [16-20 Credit Hours]</b>				
<b>Requirement: Admission into the Respiratory Therapy Technology program</b>				
<b>RTT 11000 Introduction to Respiratory Therapy</b>	<b>2</b>	<b>C</b>	<b>■</b>	
<b>RTT 11003 Application and Mechanisms of Cardiopulmonary Anatomy and Physiology</b>	<b>3</b>	<b>C</b>	<b>■</b>	
<b>RTT 11006 Introduction to Clinical Respiratory Therapy</b>	<b>3</b>	<b>C</b>	<b>■</b>	
BSCI 11010 Anatomy and Physiology for Allied Health I (3) <b>or</b> BSCI 20020 Biological Structure and Function (5)	3-5	C		Fulfills Kent Core Basic Sciences
CHEM 10050 Fundamentals of Chemistry <b>or</b> CHEM 10054 Fundamentals of Chemistry	3-5	C		Fulfills Kent Core Basic Sciences
PTST 10009 Medical Terminology <b>or</b> HED 14020 Medical Terminology	1	C		
US 10097 Destination Kent State: First Year Experience	1	C		Not required of transfer students with 25 credits
<b>Semester Two: [6-10 Credit Hours]</b>				
BSCI 11020 Anatomy and Physiology for Allied Health II	0-3	C		Must take if BSCI 11010 was previously selected; fulfills Kent Core Basic Sciences
PHY 12111 Physics for Health Technologies (3) <b>or</b> PHY 13001 General College Physics I (4)	3-4	C		
Kent Core Requirement	3	C		Recommended: Kent Core Composition
<b>Semester Three: [16 Credit Hours]</b>				
<b>RTT 11001 Respiratory Care Pharmacology</b>	<b>2</b>	<b>C</b>		
<b>RTT 11002 Cardiopulmonary Diseases</b>	<b>3</b>	<b>C</b>		
<b>RTT 11004 Therapeutics</b>	<b>6</b>	<b>C</b>	<b>■</b>	<b>Must complete 168 clinical hours</b>
<b>RTT 11008 Blood Gas Analysis</b>	<b>2</b>	<b>C</b>	<b>■</b>	
BSCI 20021 Basic Microbiology	3	C		BSCI 20022 Microbiology Laboratory is optional
<b>Semester Four: [13 Credit Hours]</b>				
<b>RTT 21001 Mechanical Ventilation</b>	<b>5</b>	<b>C</b>	<b>■</b>	<b>Must complete 224 clinical hours</b>
<b>RTT 21003 Perinatal and Pediatric Respiratory Therapy</b>	<b>2</b>	<b>C</b>	<b>■</b>	
<b>RTT 21004 Advanced Diagnostics</b>	<b>3</b>	<b>C</b>	<b>■</b>	
Kent Core Requirement	3	C		Recommended: Kent Core Mathematics and Critical Reasoning
<b>Semester Five: [4 Credit Hours]</b>				
<b>RTT 21000 Critical Care</b>	<b>4</b>	<b>C</b>	<b>■</b>	<b>Must complete 224 clinical hours</b>
<b>Semester Six: [13 Credit Hours]</b>				
<b>RTT 21005 Rehabilitation and Continuing Care</b>	<b>2</b>	<b>C</b>	<b>■</b>	
<b>RTT 21010 Respiratory Therapy Capstone</b>	<b>3</b>	<b>C</b>	<b>■</b>	<b>Must complete 224 clinical hours</b>
<b>RTT 21012 Basic Research Development and Analysis</b>	<b>2</b>	<b>C</b>	<b>■</b>	
PSYC 11762 General Psychology	3	C		Fulfills Kent Core Social Science
Kent Core Requirement	3	C		

**Graduation Requirements Summary**

Minimum Total Hours	Minimum	
	Major GPA	Overall GPA
70	2.000	2.000



**Kent Core Summary (visit [www.kent.edu/catalog/kent-core](http://www.kent.edu/catalog/kent-core) for course list)**

Kent Core Categories	Important Notes	Remaining Credit Hours
<b>Composition (3 credit hours)</b> <i>ENG 11002, 11011, 21011; HONR 10197, 10297</i>	Enrollment based on placement test (Recommended in Semester Two)	3
<b>Mathematics and Critical Reasoning (3-5 credit hours)</b>	Enrollment based on placement test (Recommended in Semester Four)	3-5
<b>Humanities and Fine Arts (3 credit hours)</b>		3
<b>Social Sciences (3 credit hours)</b>	Fulfilled in this major with PSYC 11762	0
<b>Basic Sciences (3 credit hours)</b>	Fulfilled in this major with BSCI 11010 or 11020 or 20020; or CHEM 10050 or 10054	0