

PROPOSED 2015 CATALOG COPY

Respiratory Care - B.S.

College	Regional College
Campus(es)	Ashtabula, Online
Department	Regional College
Description	The Bachelor of Science degree in Respiratory Care is a fully online completer program designed to continue professional growth of certified and registered respiratory therapists by providing the opportunity to learn and grow professionally in the areas of management, leadership, education, research, disease management and advanced clinical practice.
Career Opportunities	<p>The U.S. Bureau of Labor Statistics' long-term employment projection, 2012-2020, reports a 28-percent increase for respiratory therapists (with 52,700 annual job openings), faster than average among all occupations nationwide.</p> <p>In Ohio, respiratory therapy is considered a "high prospect" occupation, with an anticipated growth of 24 percent between 2010 and 2020. Positions for medical and health services managers are also considered high prospect with a 16-percent growth during the same period. Ohio is ranked fifth in the nation for employment of respiratory therapists. (Source: Ohio Department of Jobs and Family Services)</p>
Admission Requirements	<p>Applicants must hold a credential for certified respiratory therapist (CRT) or registered respiratory therapist (RRT) and an associate degree from a CoARC-accredited respiratory therapy/care program with a minimum 2.000 cumulative GPA. Applicants who are actively enrolled and in good standing in the second year of a CoARC-accredited entry-level associate degree in respiratory therapy/care or are actively enrolled and in good standing in the third year of a CoARC-accredited bachelor's degree in respiratory therapy/care may be conditionally enrolled in the program.</p> <p>Progression Requirements: To advance to professional study of the program, students must meet the following:</p> <ul style="list-style-type: none"> ▪ Completion of all prerequisite coursework with minimum cumulative 2.000 GPA ▪ Official transcript of associate degree and successful completion of CRT or RRT exam for students conditionally admitted
Graduation Requirements	Minimum 120 credit hours with 39 upper-division hours. Minimum 2.000 major GPA and 2.000 cumulative GPA.
Program Learning Outcomes	<p><i>Graduates of this program will be able to:</i></p> <ol style="list-style-type: none"> 1. Incorporate theory, research, evidence and best practices to enhance practice. 2. Understand the function and organizational structure of the respiratory care department from a management perspective. 3. Understand leadership principles as a leader or team member. 4. Demonstrate techniques and strategies of teaching and learning of respiratory therapy utilized in various venues. 5. Identify a variety of sleep and breathing disorders and exhibit a fundamental understanding of the application and interpretation of sleep studies in the diagnosis of related disorders. 6. Understand the pathophysiology and management of several common diseases employing critical thinking and the development of care plans utilizing best practices. 7. Describe research methodology and design and their application to health science research and their application to everyday health care. 8. Exhibit knowledge in specified areas of advanced respiratory care practice. 9. Identify and analyze current contemporary issues in respiratory care and their impact on the profession and delivery of care. 10. Understand relevant and current healthcare policy and delivery systems. 11. Identify information management and information systems, technology and the human/technology interface utilized in professional healthcare practice.

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Respiratory Care - B.S. Program Requirements

Type 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

I. DESTINATION KENT STATE: FIRST YEAR EXPERIENCE (1 credit)			
Type	Course	Title	Credits
	US 10097	Destination Kent State: First Year Experience ¹	1
II. MAJOR PROGRAM REQUIREMENTS (33 credits) Courses count in major GPA			
Type	Course	Title	Credits
	NURS 46000	Healthcare Policy	3
	RSPC 30000	Professional Practice in Respiratory Care	3
	30002	Leadership and Management in Respiratory Care	3
	30004	Educational Instruction in Respiratory Care	3
	30006	Sleep Medicine and Polysomnography	3
	40000	Disease Management in Respiratory Care	3
WIC	40002	Research Development in Respiratory Care ²	3
	40004	Advanced Practice in Respiratory Care	3
	40006	Contemporary Issues and Trends in Respiratory Care	3
	40075	Information and Patient Care Technology for Professional Practice	3
ELR	41092	Practicum for Respiratory Care	3
III. ADDITIONAL PROGRAM REQUIREMENTS ³ (82 credits)			
Type	Course	Title	Credits
KSS/DD	PSYC 11762	General Psychology ⁴	3
		Anatomy and Physiology, choose one series from the following: ⁴	5-6
KBS	ATTR 25057	Human Anatomy and Physiology I (3) and	
KBS	25058	Human Anatomy and Physiology II (3)	
		or	
KBS	BSCI 11010	Anatomy and Physiology for Allied Health I (3) and	
KBS	11020	Anatomy and Physiology for Allied Health II (3)]	
		or	
KBS	BSCI 20020	Biological Structure and Function (5)	
		or	
KBS	EXSC 25057	Human Anatomy and Physiology I (3) and	
KBS	25058	Human Anatomy and Physiology II (3)	
		Chemistry, choose from the following: ⁴	3-5
KBS	CHEM 10050	Fundamentals of Chemistry (3)	
KBS	10054	General and Elementary Organic Chemistry (5)	
KBS	10060	General Chemistry I (4)	
KBS	10061	General Chemistry II (4)	
		Microbiology, choose from the following: ⁴	3-4
	BSCI 20021	Basic Microbiology (3)	
	30171	General Microbiology (4)	
		Physics, choose from the following: ⁴	3-4
KAD	PHY 12111	Physics for Health Technologies (3)	
KAD	13001	General College Physics I (4)	
KAD	13002	General College Physics II (4)	
KAD	13011	College Physics I (2) and	
KAD	13012	College Physics II (2)	
		Statistics, choose from the following: ⁵	3-4
	MIS 24056	Fundamentals of Business Statistics (3)	
	PH 30002	Introductory Biostatistics (3)	
	PSYC 21621	Quantitative Methods in Psychology I (3)	
	SOC 32220	Data Analysis (3) and	
	32221	Data Analysis Laboratory (1)	
		Kent Core Composition	6
		Kent Core Mathematics and Critical Reasoning	3-5
		Kent Core Humanities and Fine Arts (minimum one course from each)	9
		Kent Core Social Sciences (SOC 10250 recommended; cannot be from PSYC)	3
		Kent Core Additional	3
		Associate degree coursework and general electives ⁶	42
MINIMUM TOTAL			120

- US 10097 is not required of transfer students with 25 credits or students age 21+ at time of admission.
- Minimum C grade is required to satisfy writing-intensive course requirement.
- As this is a completer program for students with an associate degree, it is expected that courses in physics, chemistry, basic microbiology, general psychology, anatomy and physiology and general education (e.g., composition, mathematics, humanities and fine arts) were successfully completed and transferred to Kent State (or earned as part of Kent State's associate degree). If any or all of those courses were not completed, they will be required to graduate with the B.S. degree in Respiratory Care.
- Prerequisite coursework required with minimum 2.000 cumulative GPA to advance to the professional study of the program.
- The following statistics courses also are approved, but currently are not offered 100 percent online: MATH 10041 Introductory Statistics; MATH 12022 Probability and Statistics for Life Sciences; and MATH 30011 Basic Probability and Statistics.
- Number of elective credits required depends on meeting minimum 120 credit hours and 39 upper-division hours.

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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
Prerequisites to the Major (59 Credits)							
CoARC-accredited associate degree in respiratory care/therapy and active credential for Certified Respiratory Therapist (CRT) or Registered Respiratory Therapist (RRT)							
	Prerequisite Coursework ¹	26					
	Coursework from Associate Degree in Respiratory Care/Therapy	33					
Semester One [16 Credits]							
Courses selected in this semester should be in consultation with advisor to determine outstanding requirements							
	US 10097 Designation Kent State: First Year Experience ²	1					
	Statistics Course ³	3					
	Kent Core Additional	3				KAD	
	Kent Core Composition	3				KCM	
	Kent Core Humanities or Fine Arts	3				KFA/KHUM	
	Kent Core Social Sciences (recommended SOC 12050)	3				KSS	
Semester Two [15 Credits]							
Admission to professional phase includes completion of all prerequisites and a cumulative 2.000 GPA							
!	RSPC 30000 Professional Practice in Respiratory Care	3	■		■		
!	RSPC 30002 Leadership and Management in Respiratory Care	3	■		■		
!	RSPC 30004 Educational Instruction in Respiratory Care	3	■		■		
!	RSPC 30006 Sleep Medicine and Polysomnography	3	■		■		
	Kent Core Humanities or Fine Arts	3				KFA/KHUM	
Semester Three [15 Credits]							
!	NURS 46000 Healthcare Policy	3	■		■		
!	RSPC 40002 Research Development in Respiratory Care	3	■	C	■	WIC	
!	RSPC 40004 Advanced Practice in Respiratory Care	3	■		■		
!	RSPC 40075 Information and Patient Care Technology for Professional Practice	3	■		■		
	General Elective (upper division) ⁴	3	■				
Semester Four [15 Credits]							
!	RSPC 40006 Contemporary Issues and Trends in Respiratory Care	3	■		■		
!	RSPC 40000 Disease Management in Respiratory Care	3	■		■		
!	RSPC 41092 Practicum for Respiratory Care	3	■		■	ELR	
	Kent Core Additional	3	■			KAD	
	General Elective (upper division) ⁴	3	■				

Graduation Requirements Summary

Minimum Total Hours	Minimum Upper-Division Hours	Minimum Kent Core Hours	Minimum	
			Major GPA	Overall GPA
120	39	36	2.000	2.000

1. Prerequisite coursework (26 credit hours): As part of the student's associate degree, it is expected that courses in physics, chemistry, basic microbiology, general psychology, anatomy and physiology and general education (e.g., composition, mathematics, humanities and fine arts) were successfully completed and transferred to Kent State (or earned as part of Kent State's associate degree). If any or all of those courses were not completed, they will be required to graduate with the BS degree in Respiratory Care.

Kent Core Composition (3)	CHEM 10050 Fundamentals of Chemistry (3)
Kent Core Humanities or Fine Arts (3)	or CHEM 10054 General and Elementary Organic Chemistry (5)
Kent Core Mathematics and Critical Reasoning (3)	or CHEM 10060 General Chemistry I (4)
ATTR 25057 Human Anatomy and Physiology I (3) and	or CHEM 10061 General Chemistry II (4)
ATTR 25058 Human Anatomy and Physiology II (3)	PHY 12111 Physics for Health Technologies (3) *
or BSCI 11010 Anatomy and Physiology for Allied Health I (3) and	or PHY 13001 General College Physics I (4)
BSCI 11020 Anatomy and Physiology for Allied Health II (3)]	or PHY 13002 General College Physics I (4)
or BSCI 20020 Biological Structure and Function (5)	or PHY 13011 College Physics I (2) and
or EXSC 25057 Human Anatomy and Physiology I (3) and	PHY 13012 College Physics II (2)
EXSC 25058 Human Anatomy and Physiology II (3)	PSYC 11762 General Psychology (3)
BSCI 20021 Basic Microbiology (3) *	
or BSCI 30171 General Microbiology (4) *	

* Course does not fulfill Kent Core

2. US 10097 is not required of transfer students with 25 credits or students age 21+ at time of admission.

3. Statistics course (3-4 credit hours), choose from the following:*

MIS 24056 Fundamentals of Business Statistics (3)	SOC 32220 Data Analysis (3) and
PH 30002 Introductory Biostatistics (3)	SOC 32221 Data Analysis Laboratory (1)
PSYC 21621 Quantitative Methods in Psychology I (3)	

* The following courses also are approved, but currently are not offered 100 percent online: MATH 10041 Introductory Statistics; MATH 12022 Probability and Statistics for Life Sciences; MATH 30011 Basic Probability and Statistics

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4. Number of elective credits required depends on meeting minimum 120 credit hours and 39 upper-division hours.

University Requirements Summary

Type	Categories	Course(s) Satisfying Category	Remaining Requirements
KCM	Kent Core I. Composition Enrollment based on placement test	visit www.kent.edu/catalog/kent-core	6
KMC	Kent Core II. Mathematics and Critical Reasoning Enrollment based on placement test	visit www.kent.edu/catalog/kent-core	3
KHU	Kent Core III. Humanities Minimum one course from humanities in Arts and Sciences; may fulfill diversity requirement	visit www.kent.edu/catalog/kent-core	3
KFA	Kent Core IV. Fine Arts Minimum one course from the fine arts; may fulfill diversity requirement	visit www.kent.edu/catalog/kent-core	3
KFH	Kent Core V. Humanities or Fine Arts One additional course from either the humanities or fine arts category, may fulfill diversity requirement.	visit www.kent.edu/catalog/kent-core	3
KSS	Kent Core VI. Social Sciences Must be selected from two curricular areas; may fulfill diversity requirement	PSYC 11762	3
KBS	Kent Core VII. Basic Sciences Must include one laboratory	BSCI 20020 or (BSCI 11010 and 11020) or (ATTR 25057 and 25058) or (EXSC 25057 and EXSC 25058) and CHEM 10050 or CHEM 10054 or CHEM 10060 or CHEM 10061	0
KAD	Kent Core VIII. Additional May fulfill diversity requirement	PHY 13001 or PHY 13002 or (PHY 13011 and PHY 13012)	3
DD	Domestic Diversity Course Requirement Either domestic or global diversity must be from Kent Core	PSYC 11762	fulfilled
DG	Global Diversity Course Requirement Either domestic or global diversity must be from Kent Core	visit www.kent.edu/catalog/diversity	one course
ELR	Experiential Learning Requirement Either course or non-course experience approved by the appropriate faculty member	RSPC 41092	fulfilled
WIC	Writing-Intensive Course Requirement Minimum C (2.000) grade	RSPC 40002	fulfilled