

**APPENDIX 1  
PROGRAM REQUIREMENTS AND ARTICULATION**

**CUYAHOGA COMMUNITY COLLEGE**  
**Associate of Applied Science degree in Respiratory Care**

**First Semester**

BIO 1100 Introduction to Biological Chemistry .....	3
BIO 2331 Anatomy and Physiology I.....	4
ENG 1010 College Composition I .....	3
or ENG 101H Honors College Composition I	
Math 1240 Contemporary Mathematics or higher .....	3
PSY 1010 General Psychology.....	3
or PSY 101H Honors General Psychology	
RESP 1300 Respiratory Care Equipment .....	4
RESP 1310 Cardiopulmonary Physiology.....	3
.....	<b>23</b>

**Second Semester**

BIO 2341 Anatomy and Physiology II.....	4
ENG 1020 College Composition II .....	3
or ENG 102H Honors College Composition II	
RESP 1320 Acid-Base and Hemodynamics.....	2
RESP 1330 Cardiopulmonary Assessment and Pulmonary Diseases.....	5
RESP 1340 Pharmacology for Respiratory Care.....	2
.....	<b>16</b>

**Summer**

PHIL 2050 Bioethics .....	3
or PHIL 205H Honors Bioethics	
RESP 2210 Introduction to Mechanical Ventilation .....	1
RESP 2300 Basic Therapeutic Procedures.....	3
RESP 2940 Respiratory Care Field Experience I.....	1
.....	<b>8</b>

**Third Semester**

BIO 2500 Microbiology .....	4
RESP 2310 Mechanical Ventilation .....	4
RESP 2320 Pediatric/Neonatal Respiratory Care .....	2
RESP 2950 Respiratory Care Field Experience II.....	2
.....	<b>12</b>

**Fourth Semester**

RESP 2330 Respiratory Home Care/Rehabilitation .....	1
RESP 2341 Patient Management Problems .....	1
RESP 2960 Respiratory Care Field Experience III .....	2
.....	<b>4</b>

**Program Minimum Total Credit Hours: 63**

**KENT STATE UNIVERSITY**  
**Bachelor of Science degree in Respiratory Care**

For admission, progression and graduation criteria, consult the Kent State University Catalog ([www.kent.edu/catalog](http://www.kent.edu/catalog)).

It is expected that the following courses were successfully completed as part of the associate degree at Cuyahoga Community College (CCC) and transferred to Kent State University (KSU). If any of these courses were not completed, they will be required to graduate from the Respiratory Care degree program at KSU.

- General Psychology (fulfilled with CCC's PSY 1010)
- Statistics (fulfilled with CCC's MATH 1410)
- Global Diversity Requirement (fulfilled with CCC's PHIL 2050)
- Domestic Diversity Requirement (fulfilled with CCC's PSY 1010)
- Kent Core Composition (fulfilled with CCC's ENG 1010 and ENG 1020)
- Kent Core Mathematics (fulfilled with CCC's MATH 1141)
- Kent Core Social Sciences (partially fulfilled with CCC's PSY 1010)
- Kent Core Basic Sciences (fulfilled with BIO 2331 and 2341)
- Kent Core Additional (fulfilled with BIO 1100)

**First Semester**

Kent Core Additional (any course from Kent Core) .....	3
Kent Core Fine Arts.....	3
Kent Core Humanities .....	3
Kent Core Social Sciences (cannot be PSY) .....	3
.....	<b>12</b>

**Second Semester**

RSPC 30000 Professional Practice in Respiratory Care.....	3
RSPC 30002 Leadership/Management in Respiratory Care ..	3
RSPC 30004 Educational Instruction in Respiratory Care .....	3
RSPC 30006 Sleep Medicine and Polysomnography .....	3
Kent Core Fine Arts or Humanities*.....	3
.....	<b>15</b>

**Third Semester**

NURS 46000 Healthcare Policy .....	3
RSPC 40002 Research Development in Respiratory Care .....	3
RSPC 40004 Advanced Practice in Respiratory Care .....	3
RSPC 40075 Info/Patient Care Tech for Healthcare Prof .....	3
General Elective (any 30000-/40000-level course) .....	3
.....	<b>15</b>

**Fourth Semester**

RSPC 40000 Disease Management in Respiratory Care.....	3
RSPC 40006 Contemp Issues/Trends in Respiratory Care ...	3
RSPC 41092 Practicum for Respiratory Care.....	3
General Elective (any 30000-/40000-level course) .....	3
.....	<b>15</b>

**Program Minimum Total Credit Hours: 57**

## APPENDIX 2 SUGGESTED SEMESTER SEQUENCE

Cuyahoga Community College: Associate of Applied Science Degree in Respiratory Care Program  
Kent State University: Bachelor of Science Degree in Respiratory Care Program

Course Subject and Title	Credit Hours	Upper Division	Notes on Transfer Coursework to Kent State
<b>Semester One: [23 Credit Hours]* (Cuyahoga Community College)</b>			
BIO 1100 Introduction to Biological Chemistry	3		# BSCI 1X000 (KBS, KLAB)
BIO 2331 Anatomy and Physiology I	4		# BSCI 21010 (KBS, KLAB,)
ENG 1010 College Composition I	3		# ENG 11011 (KCP1)
MATH 1240 Contemporary Mathematics or higher	3		# MATH 11008 (KMCR)
PSY 1010 General Psychology	3		# PSYC 11762 (DIVD, KSS)
RESP 1300 Respiratory Care Equipment	4		RTT 1X000
RESP 1310 Cardiopulmonary Physiology	3		RTT 1X000
<b>Semester Two: [16 Credit Hours] (Cuyahoga Community College)</b>			
BIO 2341 Anatomy and Physiology II	4		# BSCI 21020 (KBS, KLAB)
ENG 1020 College Composition II	3		# ENG 21011 (KCP2)
RESP 1320 Acid-Base and Hemodynamics	2		RTT 1X000
RESP 1330 Cardiopulmonary Assessment and Pulmonary Diseases	5		RTT 1X000
RESP 1340 Pharmacology for Respiratory Care	2		RTT 1X000
<b>Semester Three: Summer [8 Credit Hours] (Cuyahoga Community College)</b>			
PHIL 2050 Bioethics	3		# PHIL 2X000 (DIVG, KHUM)
RESP 2210 Introduction to Mechanical Ventilation	1		RTT 2X000
RESP 2300 Basic Therapeutic Procedures	3		RTT 2X000
RESP 2940 Respiratory Care Field Experience I	1		RTT 2X000
<b>Semester Four: [12 Credit Hours] (Cuyahoga Community College)</b>			
BIO 2500 Microbiology	4		# BSCI 20021 KBS, KLAB BSCI 20022
RESP 2310 Mechanical Ventilation	4		RTT 2X000
RESP 2320 Pediatric/Neonatal Respiratory Care	2		RTT 2X000
RESP 2950 Respiratory Care Field Experience II	2		RTT 2X000
<b>Semester Five: [4 Credit Hours] (Cuyahoga Community College)</b>			
RESP 2330 Respiratory Home Care/Rehabilitation	1		RTT 2X000
RESP 2341 Patient Management Problems	1		RTT 2X000
RESP 2960 Respiratory Care Field Experience III	2		RTT 2X000
<b>63 Total Credit Hours to Graduate with the AAS Degree from (Cuyahoga Community College)</b>			

# Course will fulfill Kent State University's Kent Core (general education) requirement.

\* This coursework can be completed in two semesters; this may impact the time required to complete the AAS program. Interested students should consult with their Tri-C academic advisor.

Revised 07/2019

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### SUGGESTED SEMESTER SEQUENCE

Course Subject and Title	Credit Hours	Upper Division	Notes on Transfer Coursework to Kent State
<b>Semester Six: [13 Credit Hours] Kent State University</b>			
US 10097 Destination Kent State: First Year Experience	1		Not required for transfer students with 25 credits or age 21+ at time of admission.
Kent Core Additional	3		Numerous course options available
ENG 21011 College Writing II	3		@ ENG 1020 College Composition II
Kent Core Humanities or Fine Arts	3		@ Numerous course options available
Kent Core Social Science	3		@ Numerous course options available
<b>Semester Seven: [12 Credit Hours] Kent State University</b>			
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		
<b>Summer III [9 Credit Hours] Kent State University</b>			
Kent Core Humanities or Fine Arts	3		@ Numerous course options available
Kent Core Humanities or Fine Arts	3		@ Numerous course options available
General Elective (upper division)	3		
<b>Semester Eight: [12 Credit Hours] Kent State University</b>			
NURS 46000 Healthcare Policy	3		
RSPC 40002 Research Development in Respiratory Care	3		
RSPC 40004 Advanced Practice in Respiratory Care	3		
RSPC 40075 Information and Patient Care Technology for Professional Practice	3		
<b>Semester Nine: [12 Credit Hours] Kent State University</b>			
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		
General Elective (upper division)	3		
<b>120-134 Total Credit Hours to Graduate with the BS, including transfer coursework, from Kent State University</b>			

# Course will fulfill Kent State University's Kent Core (general education) requirement.

@ Course may be taken at Cuyahoga Community College and transferred to Kent State. However, please be aware of Kent State's residence policy (<http://www2.kent.edu/catalog/2012/info/policies?policy=resreq>).

#### Admission Requirements

Admission requirements for the Bachelor of Science degree in Respiratory Care program are as following:

- An Associate degree from a CoARC-accredited respiratory therapy/care program with a minimum 2.0 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 may apply to the BS degree in Respiratory Care program.

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**Requirements to graduate with the Bachelor of Science in Respiratory Care**

- Minimum 120 credits hours,
- Minimum 2.0 major GPA and minimum 2.0 cumulative GPA.
- Active credential for *certified respiratory therapist* (CRT) **or** registered respiratory therapist (RRT)
- More requirements to graduate can be found in the Kent State University Catalog (<http://www2.kent.edu/academics/catalog/2010/policies/requirements-undergraduate.cfm>).