



RESPIRATORY CARE PROGRAM GUIDE

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Associate Applied Science Degree Respiratory Care Program

General Information

The Associate Degree in Applied Science for the Respiratory Care Program offers a comprehensive degree option for the respiratory student. Graduates are eligible to take the National Board for Respiratory Care Exams. Visit www.nbrc.org for more information about the national examinations.

The program consists of instruction in specialized courses in respiratory with concentrated study in the basic sciences and mathematics. Courses include lecture, lab, and clinical components. Students must achieve a minimum grade of “C” or higher in each biological/physical science, mathematics, and respiratory course.

Classroom instruction is closely correlated with guided clinical practice in affiliated health care agencies. The program requires four semesters of full-time day commitment.

Some travel will be required to clinical sites in order to provide the student a well-rounded clinical experience. Current clinical affiliates are Hardin Memorial Hospital in Elizabethtown, Taylor Regional Hospital in Campbellsville, Twin Lakes Regional Medical Center in Leitchfield, Breckenridge Memorial Hospital in Hardinsburg, Norton Audubon Hospital in Louisville, Norton Hospital in downtown Louisville, Home of the Innocents in Louisville, Norton Children’s Hospital in Louisville, Jewish Hospital in Louisville, Gould’s Discount Medical in Louisville, and Health South Rehabilitation Hospital in Elizabethtown. Transportation to clinical affiliates is the responsibility of each student.

The Associate of Applied Science Degree Respiratory Care Program takes four semesters or two years to complete after a student has been admitted into the program. The completion of prerequisites and other general education courses will require the student to have had one to two semesters of classes prior to admission. Any of the general education courses in the curriculum may be taken prior to the selective admissions process. The program recommends completion of the general education courses before admittance consideration. Additional sites may be added or sites deleted as needed to accomplish program goals.

Because there is no waiting list, a student who has applied and not been admitted to the respiratory program, but wants to be considered again, must come to another preadmission conference and complete a new preadmission form (application).

Respiratory Care classes require a large amount of study time, lab practice and flexible scheduling. Therefore, to be successful in completing these courses, it is highly recommended that students plan a reasonable commitment of time and effort to the program.

Program Goals and Mission

Program

The Goals of the Respiratory Care Program at Elizabethtown Community and Technical College are to graduate competent respiratory therapists who

- A. possesses the knowledge and demonstrates the cognitive skills expected of the respiratory therapist.
- B. perform the psychomotor skills expected of the respiratory therapist
- C. demonstrate behaviors needed to maintain ethical and effective relationships with patients and others in the health care settings.

Goals

Respiratory Care Mission Statement

The mission of the Respiratory Care Program at ECTC is to prepare respiratory therapists who provide competent and optimal patient care by means of technical proficiency, critical thinking and professional conduct in medical facilities across Kentucky.

College Mission Statement

Elizabethtown Community and Technical College (ECTC) is a comprehensive open access college that prepares people to live and work in a constantly changing world through dynamic teaching and learning environments.

ECTC accomplishes its mission by providing:

- Associate in Arts and Associate in Science degree programs which provide students with the opportunity to complete the first two years of a baccalaureate degree.
- Associate in Applied Science degree, diploma and certificate programs as well as courses to prepare individuals to excel in a complex workforce.
- Continuing and life-long education, short-term customized training for business and industry designed to strengthen the work force and expand the life skills, knowledge and cultural enrichment of the community.
- Developmental education courses to prepare individuals for success in transfer and technical courses.
- Associated services that support student development and success such as academic advising, library services, learning labs, assessment, career counseling, and cultural enrichment activities, among others.

Elizabethtown Community and Technical College, a member of the Kentucky Community and Technical College System, is a public two-year degree granting institution responding to and serving the needs of our diverse communities

Respiratory Care

The Respiratory Care Program at Elizabethtown Community & Technical College prepares the graduate to play an active role in the restoration and/or maintenance of cardiopulmonary homeostasis. The role of the respiratory therapist includes the assessment of patient cardiopulmonary systems, administration of medical gases, aerosol therapy, chest physiotherapy, breathing retraining, and measures for periodic lung expansion. The Graduate Therapist is also able to assume a leadership role (under medical supervision) in the management of artificial airways, continuous mechanical ventilation, cardiopulmonary resuscitation, and pulmonary rehabilitation. Further, he/she is prepared to perform adjunct laboratory procedures such as obtaining and analyzing arterial blood gases and other clinical laboratory data and measuring pulmonary functions.

Upon completion of the Respiratory Care Program, the graduate is eligible for the national examination process. Graduates will first complete the Therapist Multiple Choice Exam. Passing the exam at the low cut score grants a graduate the title of Certified Respiratory Therapist (CRT). Passing at the high cut score enables a graduate eligibility to take the Clinical Simulation Exam. Passing this exam grants the title of Registered Respiratory Therapist (RRT). Graduates of this advanced level Respiratory Care Program are eligible to pursue advanced training/course work and specialization as a “Certified Pulmonary Function Technologist (CPFT)”, “Registered Pulmonary Function Technologist (RPFT)” Neonatal Pediatric Respiratory Care Specialist (NPS) and the Registered Polysomnographic Technologist (RPSGT). The graduate earning any national credentials maintain those credentials anywhere in the United States and Canada. See web site for NBRC www.NBRC.com The state of Kentucky currently requires a minimum earned credential of Certified Respiratory Therapist to obtain licensure to practice care.

Eligibility

Enrollment in the Respiratory Care Program is limited due to available resources and the number of applicants accepted is set by the accrediting board, the Commission on Accreditation for Respiratory Care. (www.coarc.com)

Graduates of an approved high school or those holding a G.E.D. diploma are eligible to apply for the program. All applicants must have completed 12 college credit hours with a cumulative grade point average above a 2.5.

All students should possess:

- a. Sufficient tactile and visual acuity, such as is needed in the accurate monitoring of life support systems and for the observation necessary for patient assessment.
- b. Sufficient auditory perception to receive verbal communication from patients and members of the health care team and to assess health needs of people through the use of monitoring devices such as monitors, stethoscopes, and alarms systems.
- c. Sufficient gross and fine motor coordination to respond promptly and to implement respiratory therapy skills including the manipulation of equipment to meet health needs.
- d. Sufficient communication skills (verbal, non-verbal and written) to interact with individuals and to communicate their needs promptly and effectively.
- e. Sufficient intellectual and emotional functions to plan and implement respiratory care.

RESPIRATORY CARE APPLICATION PROCESS

To Apply to the Selective Admissions Respiratory Care Program:

1. Complete the KCTCS college's admission application process. (To include submission of Placement Exam Scores, Transcripts, Certificates and Advanced Degrees)
2. Attending a Respiratory Care Pre-Admission Conference or if no conferences are scheduled, interview with the Program Director or designee
3. Complete the Selective admission form for Respiratory Care. (Form only released per attendance at conferences or in interviews with the Program Director.)

Currently the Respiratory Care Program accepts students bi-annually in the even years. (2016, 2018, 2020)

ALL REQUIRED information must be available to the selective admissions committee by October 1st of the year preceding the year you wish to enroll in the Respiratory Care Program in order to be reviewed and considered. Applications for admission to the program may be accepted beyond the date provided that:

1. Positions are still unfilled.
2. All of the required documentation has been submitted.

The selection process is based on a points system that evaluates a student's academic performance. Academic performance will earn points according to the system on the following page.

*After the qualified applicant pool has been determined, students will be assigned points according to the standards below. Fifteen students with the highest point totals will be admitted to the program every other Spring Semester.

I. Total Credit Hours General education courses required in the Respiratory Care Program	Maximum points : 15 points Points are awarded at the rate of one point per credit hours for courses earning a "C" or better.	ENG 101 PY 110 or SOC 101 COM 252 or COM 181 Heritage/Humanities CIT 105
II. GPA in courses required in the Respiratory Care Curriculum	Maximum Points: 10 points No points awarded for GPA of less than 2.5	3.5 – 4.0 = 10 points 3.0 – 3.5 = 8 points 2.5 – 3.0 = 6 points
III. Course Load Students are awarded points based on the course load while taking and completing the Math or Anatomy and Physiology required courses with a grade of "C" or better.	Maximum Points: 15 points Points as follows: <ul style="list-style-type: none"> • BIO 137 (6-12 hours) • BIO 139 (6-12 hours) • MAT 110 or MAT 150 or MAT 146 (6-12 hours) *Less than 6 hours = 0 points	12 hours including BIO or MAT = 5 points 9 hours including BIO or MAT = 3 points 6 hours including BIO or MAT = 1 point
IV. BIO/MATH courses required in the Respiratory Care Curriculum	Maximum Points: 15 points Points will only be awarded if the course has not been repeated due to prior failure. Course must be within the last 7 years to be eligible for credit. "W" does NOT count as a repeat option.	BIO 137: A = 5 points B = 3 points C = 1 point BIO 139: A = 5 points B = 3 points C = 1 point MAT 110 or MAT 150, Mat 146: A = 5 points B = 3 points C = 1 point
V. CREDIT HOURS earned at: * ECTC/KCTCS (12 or more hours) Or *Transfer Student (21 hours & 12-20 hours)	Maximum Points: 20 points	ECTC/KCTCS School Credits of 12 or more : 20 points Other Institution: 21 credits : 15 points 12 – 20 credits: 10 points
VI. HIGHEST ACADEMIC DEGREE previously earned from a nationally accredited college	Maximum Points: 10 Points	Associate Degree: 5 points Bachelor Degree or Higher: 10 points
VII. ADDITIONAL SCIENCE SUPPORT COURSES	Maximum Points: 5 Points Awarded for any additional science course taken. Example: Chemistry Physics Biology *Microbiology credit given below	1 point awarded per credit hours for courses with a "C" or better.
VIII. ACT / KCTCS accepted Equivalent Exam Placement Scores	Maximum Points: 5 Points	ACT 21 or higher = 5 points Other Exam Placement Scores will be reviewed by the Selections Committee and Points determined based on National Averages.
IX. Additional Recommended Courses	Maximum of 5 <ul style="list-style-type: none"> • AHS 115 • English 102 • BIO 225 or BIO 226 	1 point per credit hour earned in courses listed with a "C" or better
		Maximum points available 100

1. When determining placement, the GPA will be calculated only from course work required in the respiratory care curriculum.
2. No remedial or developmental courses will be considered when calculating the GPA
3. Acceptance & enrollment in the respiratory program is contingent upon successful completion of the prerequisites for the first semester program courses and good academic standing at the college. The minimum course completion requirement is a grade C or better in MAT 110, MAT 146 or MAT 150 and a grade C or better in BIO 137. Preference will be given to applicants who have an average of 2.5 or better in 12 or more credit hours of college work including at least one science course.
4. Letters will be sent to all applicants accepted into the program by certified mail, no later than the week following Finals week of the semester preceding the admittance semester. All students that have applied to the program will be notified of acceptance, contingency status or denial before the college is closed for winter break.

Admission/Readmission

1. Admission:

Preference may be given to applicants who have an ACT composite standard score of 21 or above, or KCTCS accepted Equivalent Exam Placement Score.

2. Readmission:

- A student who withdraws from or earns lower than a grade of “C” in a respiratory therapist course will be dropped from the Selective Admission Associate Degree Respiratory Therapist Program.
- At the time of withdrawal/drop from the Respiratory Care Program, the student must meet with specific course faculty and the program director to complete an “Attrition/Re-Admission Plan if intending to apply for readmission.”
- Application for re-admission should be made two months prior to the subsequent semester applied for or two months prior to anticipated enrollment for a semester that was previously failed.
- Re-admission to the Respiratory Care Program will be dependent on available resources.
- Students will only be considered for re-admission one time.
- In order to be considered for re-admission by the Respiratory Care Admissions Committee, the applicant must:
 - a. Submit a written request to the program coordinator.
 - b. Submit the completed “Attrition/Re-Admission Plan” with appropriate documentation.
 - c. Meet current admissions guidelines.
- If more than two years have lapsed since initial enrollment in the program, the applicant must repeat the Respiratory Therapist courses.

- If a student is dismissed from the program for clinical practice violations, eligibility for readmission is forfeited.
- Students accepted into the program but are a no call/no show status the first week of classes will not be considered for re-admission.
- A student may be readmitted to the Respiratory Care Program no more than one time.

Expenses:

Tuition: (See tuition rates in published schedule for each semester)

Other Costs: Books, personal needs, lab materials, transportation to clinical facilities, uniforms, CPR, Background check, Drug screening, Immunizations, Mock exams, Kettering Review, Liability insurance and Data Arc..

Criminal Background Check/Drug Screening:

Effective January 1, 2009 all students accepted into an Allied Health program must submit a mandatory, satisfactory, criminal background check and drug screening in order to be granted eligibility for clinical practice. Unsatisfactory background check results will be reviewed.

If you have a felony offense on your record you may not be able to get a license in the state of Kentucky. (See Kentucky Board for Respiratory Care for licensure information.)

Associate in Applied Science



Respiratory Care (Selective Admission)

Advanced Practice Respiratory Therapist

Name _____ Empl. ID# _____		Date Entered _____	Date Grad. _____
DEVELOPMENTAL COURSES AS NEEDED		Notes	
RDG 20		(COMPASS 49-69)	
RDG 30 <i>OR</i> RDG 41		(COMPASS 70-82) (COMPASS 83-84)	
ENC 90		(COMPASS 26-38)	
ENC 91		(COMPASS 39-73)	
MAT 55		(COMPASS alg <31, prealg 24-41)	
MAT 65		(COMPASS alg <31, prealg 42-99)	
MAT 85 (if pursuing MAT 150)		(COMPASS alg 31-35)	
CIT 90			
GENERAL EDUCATION COURSES		Credit	Res Tr Notes
BIO 137 Human Anatomy & Physiology I		4	Program Prereq
BIO 139 Human Anatomy & Physiology II		4	Prereq: BIO 137
ENG 101 Writing I		3	
MAT 110 Applied Mathematics <i>OR</i> MAT 146 Contemporary College Mathematics <i>OR</i> MAT 150 College Algebra		3 (3) (3)	Program Prereq Preferred course
Oral Communication		3	
PSY 110 General Psychology <i>OR</i> SOC 101 Introduction to Sociology		3 (3)	
Heritage/Humanities		3	
GENERAL EDUCATION COURSES SUBTOTAL:		23	

Before entering the program, students must complete digital literacy course or pass competency exam.

RECOMMENDED ADDITIONAL COURSE(S)	Credit	Res	Tr	Notes
ENG 102 Writing II	3			Prereq: ENG 101
BIO 225 Medical Microbiology OR BIO 226 Principles of Microbiology	4 (3)			Prereq: BIO 139

TECHNICAL COURSES		Res	Tr	
RCP 110 Cardiopulmonary Anatomy & Physiology	3			
RCP 120 Theory & Principles of Respiratory Care	4			
RCP 125 Cardiopulmonary Evaluation	4			
RCP 130 Pharmacology	3			
RCP 150 Clinical Practice I	2			
RCP 175 Clinical Practice II	3			
RCP 180 Ventilatory Support	3			
RCP 190 Advanced Ventilatory Support	2			
RCP 200 Clinical Practice III	3			
RCP 204 Emergency & Special Procedures	3			
RCP 210 Cardiopulmonary Pathophysiology	3			
RCP 212 Neonatal/Pediatric Respiratory Care	3			
RCP 214 Advanced Diagnostic Procedures	3			
RCP 225 Clinical Practice IV	3			
RCP 228 Preventive & Long Term Respiratory Care	2			
RCP 250 Clinical Practice V	3			
TECHNICAL COURSES SUBTOTAL:	47			
TOTAL DEGREE CREDITS:	70			

For a list of KCTC general education classes in each category, go to <http://kctcs.edu/students/Programs%20and%20Catalog>> Academic Services section> pp. 74-77.

Or www.kctcs.edu> students> programs and catalog> Academic Services section> pp. 74-77.

Implemented: Fall 2010

*Revised: November 2013***HERITAGE**

FLK 276	HIS 101	HIS 102	HIS 104	HIS 105	HIS 106	HIS 107
HIS 108	HIS 109	HIS 120	HIS 202	HIS 203	HIS 206	HIS 207
HIS 240	HIS 247	HIS 248	HIS 254	HIS 260	HIS 261	HIS 265
HIS 270	HIS 271	HIS 295	HIS 296			

HUMANITIES

AH 104	AH 105	AH 106	ANT 130 *,**	ART 100	CLA 135	ENG 161
ENG 221	ENG 222	ENG 230	ENG 231	ENG 232	ENG 251	ENG 252
ENG 261	ENG 262	ENG 264	ENG 270	ENG 271	ENG 281	ENG 282
FLK 276	GE 170	HON 101	HON 102	HON 201	HON 202	HRS 101
HRS 102	HRS 201	HRS 202	HUM 120	HUM 135	HUM 150	HUM 202 **
HUM 203 **	HUM 204 **	HUM 210	HUM 212	HUM 213	HUM 230	MU 101
MUS 100	MUS 104	MUS 206	MUS 207	MUS 208	MUS 220	MUS 222
PHI 100	PHI 120	PHI 130	PHI 140	PHI 260	PHI 270	PHL 110
PHL 120	RS 101	RS 120	RS 121	RS 130 *,**	TA 101	TA 200
TA 283	WS 201					

* A student may not receive credit for both ANT 130 and RS 130.

** May be used to fulfill either Social Interaction or Humanities competency, but may not be used to fulfill both general education categories.

General Education and Science Course work

BIO 137	Human Anatomy & Physiology 1	4
BIO 139	Human Anatomy & Physiology 2	4
MAT 150	College Algebra and Functions (OR)	3
MAT 110	Applied Mathematics (OR)	(3)
MT 146	Contemporary College Math	(3)
COM 252	Introduction to Interpersonal Communications (OR)	(3)
COM 181	Basic Public Speaking	(3)
PY 110	General Psychology (OR)	3
SOC 101	Introduction to Sociology	(3)
ENG 101	Writing 1	3
Heritage/Humanities		<u>3</u>
General Education Total		23

*Computer Literacy a student must demonstrate Computer Literacy Skills or enroll in a Computer Course. CIT 105 or OS 105: 3 credit hrs.

*If you are a first time college student you may be required to take one of these two courses. AHS 105, Introduction to Health Occupations- 3 credit hours or GE 100, Introduction to College- 1 credit hour

Respiratory Care Core Course work

RCP 110	Cardiopulmonary Anatomy and Physiology	3
RCP 120	Theory and Principles of Respiratory Care	4
RCP 125	Cardiopulmonary Evaluation	4
RCP 130	Pharmacology	3
RCP 150	Clinical Practice 1	2
RCP 175	Clinical Practice 2	3
RCP 180	Ventilatory Support	3
RCP 190	Advanced Ventilatory Support	2
RCP 200	Clinical Practice 3	3
RCP 204	Emergency and Special Procedures	3
RCP 210	Cardiopulmonary Pathophysiology	3
RCP 212	Neonatal/Pediatric Respiratory Care	3
RCP 214	Advanced Diagnostic Procedures	3
RCP 225	Clinical Practice 4	3
RCP 228	Preventative and Long Term	2
RCP 250	Clinical Practice 5	3
Technical Course Credit Total		47

Total Credits**70**

RESPIRATORY CARE PROGRAM

COURSE REQUIREMENTS

A student that has not completed all general education and science support courses may take them concurrently with the Respiratory Care Core courses. However, a student taking general education and science support courses should note the pre-requisites for the Respiratory Care courses below. In addition, the student should be aware that the actual classroom/lab/clinical contact hours exceed the credit hours listed. A student attempting general education and or science support courses along with the Respiratory Care core courses may find themselves attending full time days and part-time evenings. It is strongly recommended that you take general education course first.

It is **highly recommended** that a student interested in the Respiratory Care Program meet with a Respiratory Care Faculty Advisor.

RCP COURSE DESCRIPTIONS

RCP 110 Cardiopulmonary Anatomy and Physiology 3 credits

The anatomy and physiology of the respiratory and circulator systems are explored in detail. Emphasis is placed on the interaction of systems in gas exchange and acid-base balance. The structure and function of the chest cage, mechanics of breathing and control of respiration are also included. Lecture 3 hrs/week. **Prerequisites: BIO 137 with a grade of C or better. Co-Requisite: BIO 137**

RCP 120 Theory and Principles of Respiratory Care 4 credits

Principles and techniques of therapeutic procedures used in respiratory care are covered. Included are: the safe handling and administration of medical gases; use of humidity and aerosol therapy; providing lung inflation and bronchial hygiene therapy; and airway care. The indication, contraindications and physiologic effects of each therapy are presented with an emphasis on safety and appropriateness of care. Lecture 4 hours/Laboratory 4 hours/week **Prerequisites: BIO 137 and (MT 110 or MT 145 or MT 150 or equivalent with a grade of C or better). Co-Requisite: BIO 137 and (MT 110 or MT145 or MT 150 or equivalent with a grade of C or better).**

RCP 125 Cardiopulmonary Evaluation 4 credits

Cardiopulmonary assessment is addressed. Topics include invasive and noninvasive blood gas analysis and interpretation, pulmonary function studies, basic laboratory data interpretation, electrocardiography and assessment of neck and chest imaging. Lecture 3 hours/ Laboratory 4 hours/week. **Pre-requisite: RCP 110, BIO 137 and MT 110, MT 145 or MT 150 with a grade of C or higher. Co-requisite: RCP 110**

RCP 130 Pharmacology 3 credits

A detailed study of the pharmacological agents used in the practice of respiratory care. Common agents of the various drug classifications used in the treatment of patients with cardiovascular or pulmonary impairment are covered. Calculations commonly used in preparing and administering drugs are presented emphasizing the need for accuracy. Lecture 3 hrs. /week **Pre-requisites: RCP 110 and MT 110, MT 150 or MT 145 with a grade of C or higher. Co-requisite: RCP 110 and MT 110 or MT 145 or MT 150.**

RCP 150 Clinical Practice I 2 credits

Students will observe and assist with chest physical assessment, medical gas administration, humidity and aerosol therapy and bronchial hygiene in the assigned settings. Clinical 120 contact hrs. **Pre-requisites: RCP 120 with a grade of C or better; Valid Health Care Provider CPR card. Co-requisites: RCP 120; Valid Health Care Provider Card.**

RCP 175 Clinical Practice II 3 credits

Students will participate in the health care team while practicing techniques of respiratory care including airway management and bronchial hygiene in the assigned setting. Clinical 180 contact hours. **Pre-requisites: RCP 150 with a grade of C or better.**

RCP 180 Ventilatory Support 3 credits

The technological and physiological aspects of mechanical ventilation including the theory of operation, classification and management of the patient ventilator system are covered. Lecture 2 hours / Laboratory 4 hours/week **Pre-Requisites: RCP 120 and RCP 150 with a grade of C or better**

RCP 190 Advanced Ventilatory Support 2 credits

Advanced concepts in ventilatory support, including monitoring and management of the patient ventilator system are addressed. Lecture 1.5 hrs. /Laboratory 2 hrs. /week. **Pre-requisites: RCP 180 with a grade of C or better**

RCP 200 Clinical Practice III 3 credits

Students will practice adult mechanical ventilation procedures and airway management in the critical care setting while continuing to perform other respiratory care skills. Clinical 180 contact hours. **Pre-requisites: RCP 175 with a grade of C or better.**

RCP 204 Emergency & Special Procedures 1 3 credits

Prepare student to participate in advanced emergency life support and special procedures. Lecture 2.5 hrs/Laboratory 2 hrs/week. **Pre-requisites RCP 130 and BIO 139 with a grade of C or better. Co-requisites: RCP 130 and BIO 139.**

RCP 210 Cardiopulmonary Pathophysiology 3 credits

The etiology, diagnosis, clinical manifestations and management of cardiopulmonary disorders as related to respiratory care are addressed. Lecture 3hrs /week. **Pre-requisites: RCP 110 with a grade of C or better.**

RCP 212 Neonatal/Pediatric Respiratory Care 3 credits

Special needs of neonatal and pediatric patients are addressed. Fetal cardiopulmonary development and changes at birth are covered. Equipment, procedures, and methods used in care and evaluation of neonatal and pediatric patients are also covered. Cardiopulmonary conditions and diseases particular to neonates are discussed. Lecture 2.5 hrs/Laboratory 2 hrs/week

Pre-requisites: RCP 110 and RCP 190 with a grade of C or better. Co-requisites: RCP 190

RCP 214 Advanced Diagnostic Procedures 3 credits

Prepares students to assist physician in advanced diagnostic and therapeutic procedures. Lecture 2.5 credit hrs/Laboratory .5 credit hrs. **Pre-requisites: BIO 139 with a grade of C or better**

RCP 225 Clinical Practice 4 3 credits

Students will observe and practice advanced cardiopulmonary evaluation techniques while improving efficiency in the ventilatory management of adult patients. Students may also practice pediatric and neonatal mechanical ventilation techniques in the assigned setting. Clinical 180 contact hours. **Pre-requisites: RCP 200 with a grade of C or better.**

RCP 228 Preventive and Long-Term Respiratory Care 2 credits

Prevention of cardiopulmonary disorders and care of individuals with long term cardiopulmonary disability are covered including psychosocial and physical needs. Emphasis is on improving the quality of life and cardiopulmonary reserve. Special respiratory care needs of diverse client populations in a variety of settings are covered. Lecture 2 hr/week. **Pre-requisites: RCP 110 with a C or better.**

RCP 250 Clinical Practice 5 3 credits

Emphasis is on preparing the student to participate in efficient planning, managing and delivering respiratory care to diverse client populations. Clinical 180 contact hours. **Pre-requisites: RCP 225 with a grade of C or better.**

Elizabethtown Community and Technical College (ECTC) follows the curriculum approved for the community colleges in the Kentucky Community and Technical College System (KCTCS). Course descriptions may be found in the KCTCS catalog available in the Admissions Office, or online at <http://legacy.kctcs.edu/catalog/>. Students wishing to transfer into the program should make an appointment to see the coordinator of the program for transfer options. Students taking KCTCS classes with the intention of transferring should seek advice at the destination institution. Transportation to community agencies is the responsibility of each student.

RESPIRATORY CARE PROGRAM EXAMPLE OF POSSIBLE COURSE SEQUENCE FALL

FIRST YEAR

FALL SESSION:

MAT 110	Applied Mathematics (formerly MAH 151) or MAT 150 College Algebra Or MAT 146 Contemporary College Math	3
BIO 137	Human Anatomy & Physiology I (formerly BSL 110)	<u>4</u>
		7

SPRING SEMESTER:

RCP 110	Cardiopulmonary Anatomy and Physiology	3
RCP 120	Theory and Principles of Respiratory Care	4
RCP 150	Clinical Practice 1	2
ENG 101	English 101	<u>3</u>
		12

SUMMER SESSION:

BIO 139	Human Anatomy & Physiology II (formerly BSL 111)	4
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FALL SEMESTER:

RCP 125	Cardiopulmonary Evaluation	4
RCP 130	Pharmacology	3
RCP 175	Clinical Practice 2	3
RCP 180	Ventilatory Support	3
COM 252/181	Communications or Basic Public Speaking	<u>3</u>
		16

SPRING SESSION:

RCP 190	Advanced Ventilatory Support	2
RCP 200	Clinical Practice 3	3
RCP 214	Advanced Diagnostic Procedures	3
RCP 210	Cardiopulmonary Pathophysiology	3
RCP 212	Neonatal/Pediatric Respiratory Care	3
PY 110/100	General Psychology or Introduction of Psychology	<u>3/ 4</u>
		17 – 18

FALL SEMESTER:

RCP 204	Emergency and Special Procedures	3
RCP 228	Preventive and Long Term Care	2
RCP 225	Clinical Practice 4	3
RCP 250	Clinical Practice 5	3
	Heritage/Humanities	<u>3</u>
		14

Total 70 Credits

Students with a grievance should discuss the problem with the respiratory care faculty member involved. If the problem is not resolved, the student is to bring the problem to the attention of the Respiratory Care Program Director. If the student is still not satisfied with the results, he/she may go to the Division Chairperson then to the Academic Dean. The Kentucky Community and Technical College System Code of Student Conduct is followed on all matters in which a student feels his/her academic rights have been violated.

ACCREDITATION

The Elizabethtown Community and Technical College Respiratory Care Program is accredited by the Commission on Accreditation for Respiratory Care. CoARC's address is 1248 Harwood Road Bedford, TX 7621-4244. Or visit their web site at www.coarc.com

The Elizabethtown Community and Technical College is accredited by the Southern Association of Colleges and Schools. The address is 1866 Southern Lane, Decatur, Georgia 30033-4097.

The Elizabethtown Community and Technical College does not discriminate on the basis of race, color, national origin, age, religion, marital status, sex or disability in employment, educational programs, or activities set forth in Title IX, Title VI, and Section 504 and ADA



RESPIRATORY CARE PRE-ADMISSION CONFERENCE DATES ELIZABETHTOWN COMMUNITY TECHNICAL COLLEGE

Room 304 RCP Building

Thursday, January 26, 2017 at 2 PM EST
Friday, February 17, 2017 at 1 PM EST
Monday, March 6, 2017 at 4 PM EST
Tuesday, April 4, 2017 at 10 AM EST
Wednesday, May 10, 2017 at 10 AM EST

Rebecca Higdon, MS, RRT
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*During classroom hours the office phone is unattended. Please leave a voicemail. I will return your call. I am excited that you are interested in Respiratory Care and I want an opportunity to talk to you!

1/24/2017 RAH