



**METROPOLITAN
COMMUNITY COLLEGE**

Student Information and Application Packet 2025

Bachelor of Applied Science (BAS)
Respiratory Care Program



METROPOLITAN COMMUNITY COLLEGE PENN VALLEY

Thank you for your interest in the Respiratory Care Program at Metropolitan Community College.

Metropolitan Community College (MCC) is accredited by the Higher Learning Commission, 230 South LaSalle Street, Suite 7-500, Chicago, IL 60604.

“Metropolitan Community College is currently in the process of seeking Committee on Accreditation for Respiratory Care (CoARC) accreditation for the respiratory care program. However, Metropolitan Community College can provide no assurance that accreditation will be granted by the CoARC.”

Graduates of the Respiratory Care Program are eligible to take the board exam offered by the National Board for Respiratory Care (NBRC). After successful completion of these exam, the individual will become certified as a respiratory therapist at either the CRT or RRT level.

Respiratory therapists (RTs) play an important role in the community by supporting public health and providing specialized care to individuals with respiratory conditions. Respiratory therapists (RTs) work in a variety of healthcare settings including: hospitals, home care, long-term care facilities, sleep centers, pulmonary rehabilitation centers, physicians’ offices and medical sales.

During your academic experience, you will be exposed to an active learning environment that is exciting and challenging. Students’ education also includes clinical experience at various metroplex facilities which will involve direct patient contact and involvement with community professionals.

The Technical Standards included in this packet, are used to assist each applicant in determining their eligibility for the program. It is the policy of MCC to provide reasonable accommodations for individuals with disabilities. If you need an accommodation due to a disability under the Americans with Disabilities Act and Section 504 of the Rehabilitation Act, please contact the Disability Support Services (DSS). Advance notice to the program is necessary so accommodations can be provided in a timely manner. Accommodations must be supported by adequate documentation and are determined on an individualized basis.

Students should understand that while working in a health care setting, they may be exposed to blood and body fluids. Universal precautions provide protection in the working environment.

This packet includes all the information you should need to apply to the program. After reviewing this information, if you have more questions, please e-mail Rebecca.Paulsen@MCCCKC.EDU.

For more insight and to learn more about the field of Respiratory Care visit:

National Board of Respiratory Care (NBRC) [CLICK HERE](#)

American Association of Respiratory Care (AARC) [CLICK HERE](#)

Good luck with your educational journey!

MCC Respiratory Care Program

The mission of the MCKC Respiratory Care Baccalaureate Degree is to prepare entry-level respiratory care practitioners who are competent, professionally committed, and are leaders in their community.

Students who complete the MCKC Respiratory Care major are prepared to:

- Provide ethical patient care
- Assume leadership positions
- Promote the cardiopulmonary health of society
- Influence the quality of health care services in diverse practice settings
- Provide respiratory therapy practice eligible RRTs through the National Board for Respiratory Care (NBRC)

The program goals include:

1. To prepare graduates with demonstrated competence in the cognitive (knowledge), psychomotor (skills), and affective (behavior) learning domains of respiratory care practice as performed by registered respiratory therapists (RRTs).
2. To prepare leaders for the field of respiratory care by including curricular content with objectives related to the acquisition of skills in one or more of the following: management, education, research and advanced clinical practice (which may include an area of clinical specialization).

Program learning outcomes:

1. Students will use intellectual inquiry to gain a better understanding of, and contribute to, current knowledge of respiratory care practice.
2. Students will critically appraise respiratory disease manifestations and the related processes and actions that are relevant to prevent, diagnose, and treat patients by performing evidence-based practices, in combination with quality research with clinical expertise.
3. Students will build a strong and sustainable foundation of inclusive excellence and social responsibility to provide care without discrimination on any basis, with respect for the rights and dignity of all individuals.

Degree Awarded:

Bachelor of Applied Science in Respiratory Care after successful completion of 120 credit hours.

Accreditation:

Metropolitan Community College is currently in the process of seeking Committee on Accreditation for Respiratory Care (CoARC) accreditation for the respiratory care program. However, Metropolitan Community College can provide no assurance that accreditation will be granted by the CoARC.

Program Length:

- Four semesters of prerequisite courses (61 credit hours)
- Five consecutive semesters which includes one summer semester. (59 credit hours)

Program Admission:

Admission to the Respiratory Care Program is contingent upon the following criteria:

- Admission to Metropolitan Community College.
- Admission to the selective admissions program is based on completion of all coursework with a cumulative GPA of 2.0, and successful completion of prerequisite courses with a “C” grade or better. All elective and prerequisite coursework must be successfully completed prior to beginning the program. Special circumstances may apply.

- All applications for the Respiratory Care Program will be reviewed and ranked according to a points system.
- Meeting the minimum admission criteria does not guarantee admission to the program.
- All students will be required to complete immunization requirements, pass a background check and pass a drug screen before the start any clinical courses.

Applications:

Applications Accepted: **September 15th – April 1st.**

Prerequisite Requirement:

General Education (Total 33 credits)

- ENGL101 - Composition & Reading I 3
- ENGL102 - Composition & Reading II 3
- PSYC140 - General Psychology 3
- Math Option: Choose one of the following courses (Total 3 credits) MATH115 - Statistics 3
MATH119 - Mathematical Reasoning and Modeling 3 MATH120 - College Algebra
- 3 Electives (9 credit hours)
- Oral Communication-3 credit hours (Total 3 credits) COMM100 - Fundamentals of Speech 3
COMM102 - Fundamentals of Human Communication 3
- Civic/American Institutions-3 credit hours (Total 3 credits) HIST120 - United States History to 1865 3
HIST121 - United States History since 1865 3 POLS136 - Introduction to U.S. National Politics 3
- Humanities/Fine Arts-3 credit hours (Total 3 credits) Choose from ARAB 101, ARAB 102, ART 110, ART 108, ART 150, ART 151, CHIN 101, CHIN 102, COMM 128, ENGL 201, ENGL 205, ENGL 209, ENGL 214, ENGL 216, ENGL 218, ENGL 220, ENGL 221, ENGL 222, ENGL 223, ENGL 254, ENGL 255, ENGL 260, ENGL 262, ENGL 264, ENGL 267, ENGL 268, FREN 101, FREN 102, HIST 133, HIST 134, GERM 101, GERM 102, MUSI 101, MUSI 103, MUSI 105, MUSI 107, MUSI 108, MUSI 116, MUSI 134, MUSI 160, PHIL 100, PHIL 101, PHIL 103, PHIL 200, PHIL 203, SPAN 101, SPAN 102, THEA 106. 3
- Social and Behavioral Science-3 credit hours (Total 3 credits) Choose from ANTH 100, ANTH 110, ECON 110, ECON 210, ECON 211, GEOG 105, GEOG 113, POLS 234, SOCI 160 3

Additional Electives for the degree: A student may take any 100 level or higher MCC course(s) to satisfy the elective requirements for the BAS degree 9 Program Specific Requirements (Total 87 credits)
BIOL110 - Human Anatomy 5 BIOL137 - Introduction to Pathophysiology 4 BIOL150 - Medical Terminology 2 BIOL208 - Microbiology 5 BIOL210 - Human Physiology 5 CHEM105 - Introductory Chemistry for Health.

- BIOL110 - Human Anatomy 5
- BIOL137 - Introduction to Pathophysiology 4
- BIOL208 - Microbiology 5
- BIOL210 - Human Physiology 5
- CHEM105 - Introductory Chemistry for Health Sciences 5
- PSYC243 - Human Lifespan Development 4

Respiratory Care Program Course Requirements:

- BIOL150 - Medical Terminology 2
- RESP211 - Cardiopulmonary and Renal Anatomy and Physiology 2
- RESP212 - Fundamentals of Respiratory Care 6

- RESP213 - Respiratory Care Pharmacology 2
- RESP311 - Respiratory Critical Care I 4
- RESP312 - Pathophysiology of Respiratory Care I 2
- RESP313 - Neonatal/Pediatric Respiratory Care 2
- RESP314 - Respiratory Care Diagnostics 4
- RESP323 - Pathophysiology of Respiratory Care II 2
- RESP330 - Clinical Applications I 2
- RESP331 - Clinical Applications II 6
- RESP420 - Respiratory Critical Care II 4
- RESP421 - Respiratory Care Senior Seminar 6
- RESP432 - Clinical Applications III 6
- RESP433 - Clinical Specialty I 3
- RESP434 - Clinical Specialty II 6

Respiratory Care Program Application Information:

Qualified applicants must:

- Possess a High School Diploma or equivalency.
- Have a cumulative GPA of 2.0 for all college coursework.
- Have completed or be enrolled in prerequisite courses

Any additional materials such as letters of recommendation, cover letters, etc. with your program application will not be evaluated and will not impact your selection to the program.

This college does not discriminate on the basis of race, color, national origin, sex, age or disability in admission or access to or treatment of employment in its programs and activities. MCC provides a range of services to allow persons with disabilities to participate in the educational programs and activities. If you desire support services for the application process or coursework, contact the Disability Support Services (DSS) Coordinator, 816-604- 4293.

Applicant selection is based on metrics determined by:

Academic performance, including but not limited to the number of general education and prerequisite courses completed and grade performance in each course and interview scoring tool. (See above selection admission criteria).

Immunization & Clinical Requirements:

Immunization and Clinical Requirements	
<ul style="list-style-type: none"> • Background check. A background check that is returned as flagged will result in immediate grounds for program dismissal. • Health records • Physical exam • Immunizations for: chicken pox, measles, mumps, rubella, tetanus, diphtheria, pertussis, influenza, COVID vaccines, hepatitis B (waiver accepted for Hepatitis B immunization) • A recent photo on file • CPR training • Family Care Safety Registry 	<ul style="list-style-type: none"> • Drug screen <ul style="list-style-type: none"> • A positive dilute will require repeat screening for an additional fee. • A negative drug screen is necessary for clinical courses. • Reliable transportation: Students are responsible for their transportation to clinical sites. • Work schedule that is flexible to accommodate class and clinical requirements. • MCC requires a plan for payment of program costs on the day of enrollment.

Essential Functions & Technical Standards:

Gross Motor Skills	<ul style="list-style-type: none"> • Move within confined spaces • Sit and maintain balance • Stand and maintain balance • Reach above shoulders • Reach below waist 	Skills: Grasp, hold, and read small instruments such as volume measuring devices. Lift medication vials to eyes to read. Record patient data in record or change the settings on equipment by turning knob and observes change(s). Squeeze suction catheter button. Squeeze medication vials to empty. Write in patient chart.
Fine Motor Skills	<ul style="list-style-type: none"> • Pickup objects with hands • Grasp small objects with hands • Write clearly and neatly with pen or pencil • Type on a keyboard • Pinch/squeeze or pick up objects • Twist knobs with hands • Possess manual dexterity for sterility and infection control purposes. 	Skills: Change equipment settings above head and below waist. Function in an ICU environment by moving about in an ICU room in order to perform procedures on the patient. Student must also read patient chart, equipment settings, and/or equipment displays. Sit or stand to record findings.
Physical Endurance	<ul style="list-style-type: none"> • Stand at client's side during procedure • Sustain repetitive movements • Maintain physical tolerance (continue tasks throughout a shift) • Work and complete tasks at a reasonable pace 	Skills: Bend to change equipment settings on floor, at knee level, waist level, chest level, eye level, or above head. Gather equipment and manually resuscitate patient. Make rapid adjustments if needed to ensure patient safety. Make way to patient room if an emergency is called using stairs. Turn to change settings on monitor while standing at patient bedside
Physical Strength	<ul style="list-style-type: none"> • Lift 25 pounds • Carry equipment/supplies • Squeeze with hands (e.g., use of a manual resuscitator) • Able to push/roll 60 pounds • Move heavy object weighing from 10-50 pounds by using upper body strength. 	Skills: Procedures such as CPT and CPR require that you stand, move, and perform repetitive procedures on patients throughout the day. Repeat this procedure periodically throughout a shift
Mobility	<ul style="list-style-type: none"> • Twist • Bend • Stoop/squat • Move quickly • Walk and climb ladders/stools/stairs 	Skills: Help patient up in bed and from stretcher to bed and back. Carry medications, pulse oximeter, stethoscope, or other equipment to patient room. Push ventilator or other heavy equipment from respiratory care department to patient room. Lift equipment from bed height to shelf height above chest level.
Hearing	<ul style="list-style-type: none"> • Hear normal and different speaking level sounds • Hear audible alarms • Hear telephones • Hear sounds with stethoscope (e.g., lungs and heart sounds) 	Skills: Hear audible alarms such as a ventilator alarm. Hear overhead pages to call for emergency assistance. Listen to heart sounds to determine if heart is beating. Determine the intensity and quality of patient breath

		sounds in order to help determine a diagnosis. Listen to patient breath sounds to determine if patient is breathing.
Visual	<ul style="list-style-type: none"> • Distinguish color • Distinguish color intensity • See emergency lights/lamps • See object up to 20 inches away • Use peripheral vision • Visually assess clients 	Skills: Confirm settings visually such as with ventilator display. Read patient chart to determine correct therapy. Read settings on monitors and other equipment. Visually assess patient color to assess for hypoxia or any changes in patient condition.
Tactile	<ul style="list-style-type: none"> • Detect environmental temperature • Detect temperature • Feel the differences in sizes, shapes (e.g., palpate artery/vein) • Feel vibrations (e.g., pulses) 	Skills: Assess patient by feeling for pulse, temperature, tactile fremitus, edema, subcutaneous emphysema.
Smell	<ul style="list-style-type: none"> • Detect odors from client • Detect smoke • Detect gas or noxious smells (e.g., gas leak or smoke) 	Skills: Assess for unusual odors originating from the patient or environment requiring attention.
Literacy	<ul style="list-style-type: none"> • Read and interpret physicians' orders • Read and understand written documents • Read very fine or small print 	Skills: Read and interpret physician orders and or physician, therapist, and nurse's notes. Read from a computer monitor screen. Gather data accurately, and in a reasonable amount of time to ensure safe and effective patient care relative to other caregivers.
Arithmetic	<ul style="list-style-type: none"> • Calibrate equipment • Compute fractions • Convert numbers to metric • Count rates (e.g., pulses, breathing rate) • Tell time and measure time (duration) • Perform basic arithmetic functions add, subtract, multiply, divide • Read and understand columns of writing (e.g., flow sheets) • Read digital displays and graphic printouts • Read graphs (e.g., vital sign sheets, ventilator flow) • Read measurement marks Record numbers (chart observed parameters) • Use a calculator • Use measuring tools (e.g., thermometer, NIF, Peak Flow, VC) 	Skills: Read and interpret patient graphics charts and graphic displays. Perform basic arithmetic functions in order to calculate minute ventilation, convert temperature, correctly place graduated tubing, and other functions.

Emotional Stability	<ul style="list-style-type: none"> • Establish therapeutic boundaries • Provide client with appropriate emotional support • Adapt to changing environment/stress • Deal with the unexpected (e.g., emergency situations, trauma) • Perform multiple responsibilities concurrently • Show appropriate compassion through communications 	Skills: Provide for safe patient care despite a rapidly changing and intensely emotional environment. Perform multiple tasks concurrently such as delivering medication or oxygen in one room while performing an arterial blood gas in another (in an emergency room or general floor environment). Maintain enough composure to provide for safe effective patient care despite crisis circumstances.
Analytical Thinking	<ul style="list-style-type: none"> • Evaluate outcomes • Prioritize tasks • Problem solving • Process information • Transfer/extrapolate knowledge from one situation to another • Use long and short-term memory 	Skills: Evaluate priorities and different sources of diagnostic information to help arrive at a patient diagnosis. Appropriately evaluate data in order to notify physician and nurses when necessary
Critical Thinking	<ul style="list-style-type: none"> • Identify cause-effect relationships • Plan/control activities for others • Synthesize knowledge and skills • Sequence information 	Skills: Evaluate priorities and different sources of diagnostic information to help arrive at a patient diagnosis and treatment plan.
Interpersonal	<ul style="list-style-type: none"> • Respect differences in clients • Establish rapport with clients and coworkers • Work effectively with physicians, staff, clients and their families 	Skills: Communicate effectively under any circumstance (courteous or offensive) with patients, families, doctors, nurses and other staff in order to meet therapeutic goals for the patient.
Communication	<ul style="list-style-type: none"> • Convey information through writing • Explain procedure(s) • Give oral reports • Speak clearly and distinctly • Speak on the telephone 	Skills: Communicate effectively and appropriately with doctors, nurses, patients, family, and other staff in order to provide for most effective and efficient patient care.

RESPIRATORY CARE REQUIREMENT CHECKLIST

Applications Accepted: **September 15th - April 1st**

Note: This includes students with degrees and previous college course work.

Start Here:

- **Apply to MCC.** Fill out the general MCC application at www.mcckc.edu/apply-now.
- **Submit all non-MCCKC official transcripts.** Send official transcripts from all institutions where you have earned college credits to: MCC Student Data Center, 3200 Broadway, Kansas City, MO 64111 OR electronically at transcripts@mcckc.edu.
- **Students must apply to the Respiratory Care Major** and have completed 60 credit hours, including the required prerequisite courses, with a minimum overall GPA of 2.0.
- Eligible applicants must complete all non-respiratory coursework before the start of their cohort. Acceptance is contingent upon successful completion with a minimum grade of "C".

Admission to the Respiratory Care Program is contingent upon a selective admissions process, completion of prerequisite requirements at the designated levels of success, and the availability of space.

SELECTIVE ADMISSIONS RANKING CRITERIA

ACADEMIC ASSESSMENT PROFILE EXAMPLE

Name and ID No.:		
MCC Respiratory Care Program		
Academic Potential Assessment		
Eligibility		
Overall college GPA of 2.0 or greater	Y/N	
A minimum grade of "C" in all CHEM & BIOL courses (See List Below *)	Y/N	
GPA (4 Pts. Possible)		
Current college GPA--		
GPA (20 Pts. Possible)		
*Program Prerequisite Grades:	GPA	Total
CHEM 105 Introductory Chemistry for Health Sciences		
BIOL 110 Human Anatomy		
BIOL137 Introduction to Pathophysiology		
BIOL 208 Microbiology		
BIOL 210 Human Physiology		
Total Points:		
General Comments:		
Academic Excellence (36 Pts. Possible)		
Overall college GPA \geq 3.5 (Yes=6/No=0)		
Less than 10 hrs. remain for requisite course completion (Yes=2/No=0)		
Has at least one semester of \geq 9 hours of "C" or better work (Yes=4/No=0)		
Previous successful completion of health-related program (Ex. CNA, EMT, Pharm Tech, Phlebotomy Tech, etc.). (Yes= 6/No=0)		
Previous successful completion of a degree (Associates=6, Bachelors=8, Master or Higher=10)		
No history of "W" or less than "C" work (Yes=4/No=0)		
Currently employed in the healthcare field (Yes=4/No=0)		
		Total
General Comments:		

BACHELOR OF APPLIED SCIENCE RESPIRATORY CARE PROGRAM INTERVIEW SCORING			
Career Orientation:			
4	3	2	1
Notes:			
Career Investigation Questionnaire:			
4	3	2	1
Notes:			
Work/Ethic Professionalism:			
4	3	2	1
Notes:			
Flexibility/Professionalism:			
4	3	2	1
Notes:			
Ability to Prioritize:			
4	3	2	1
Notes:			
Psychomotor:			
4	3	2	1
Notes:			
Communication:			
4	3	2	1
Notes:			
Approachable/Relatable:			
4	3	2	1
Notes:			
Self-Insight/Perception:			
4	3	2	1
Notes:			
Program Orientation			
4	3	2	1
Notes:			
Interview Total Points:			
Academic Assessment Profile Total Points:			
Grand Total:			