

RESPIRATORY THERAPY PROGRAM CLASS SELECTION CRITERIA

The respiratory therapy program is a selective admissions program. Respiratory therapy program applicants must meet established minimum criteria to be considered. The respiratory therapy applicant needs to be aware that meeting the minimum standards does not insure admission to the program. Up to thirty students with the highest number of points are selected each year and tend to be well qualified having exceeded the minimum standards in some, if not all, of the criteria. This handout explains the process and has the major sections of:

- I. Minimum Criteria to be considered for the Respiratory Therapy Program
- II. Respiratory Therapy Program Selection Criteria (point system)
- III. Physical Examination
- IV. Other General Information

I. MINIMUM CRITERIA TO BE CONSIDERED FOR THE RESPIRATORY THERAPY PROGRAM:

- Graduation from high school or successful completion of the G.E.D. (General Education Development) test.
- Completion of CHEM 150, Fundamental Principles of Chemistry, or a higher-level (e.g. 151, 152, etc.) chemistry course with a “C” or better. A challenge exam is available for CHEM 150 through the MCCC Credit by Examination process (please contact the Science/Mathematics Division for details of this exam 734.384.4233). It is required that chemistry be repeated if it has not been taken within 10 years of the application deadline. Completion of BIOL 157 with a “C” or better within 5 years of the application deadline shall waive the requirement to repeat chemistry that is older than 10 years.
- Completion of one year of high school-level biology or BIOL 151, Biological Sciences I or BIOL 152 if taken prior to Fall 2008 semester with a “C” or better. It is required that biology be repeated if it has not been taken within 10 years of the application deadline date. Completion of BIOL 157 with a “C” or better within 5 years of the application deadline shall waive the requirement to repeat biology that is older than 10 years.
- Completion of MATH 151, Intermediate Algebra, with a “C” or better. It is required that algebra or a higher math be repeated if it has not been taken within 10 years of the application deadline and the applicant is unable to show proficiency on the algebra section of the COMPASS exam with a score of 54 or above.
- Completion of the computer skills graduation requirement. This can be done with completing CIS 130, WPR 102, WPR 110, MDTC 160 or achieving a satisfactory score on the computer skills assessment (please contact the Admissions office for details of this assessment 734.384.4104).
- Completion of BIOL 157 Anatomy and Physiology I or MCCC equivalent. It is required that anatomy and physiology be repeated if it has not been taken within 5 years of the application deadline and the applicant is unable to achieve a satisfactory score on an exam of the respiratory therapy program’s choosing (such as the NLN Anatomy and Physiology exam). Please make inquiry to the respiratory therapy program director for further information. Students who have taken anatomy and physiology at another accredited institution of higher learning that does not transfer as equivalent to the MCCC course will have their course(s) evaluated on an individual basis.
- Official transcripts from high school sent to the MCCC Admissions office. Official transcripts from all colleges or universities, if transfer credit is desired, sent directly to the MCCC Registrar’s office.
- MELAB (80 percentile) or IBN TOEFL (79-80) tests may be required to show proof of English language proficiency for individuals whose native language is not English.

II. RESPIRATORY THERAPY PROGRAMS SELECTION CRITERIA (POINTS)

Respiratory therapy applicants will be awarded points based upon the following criteria:

- Grades in math, chemistry, biology, anatomy and physiology, and microbiology
- Credits earned at MCCC
- Residency status
- Attendance at an Respiratory Therapy Information Session and/or Hospital Tour within two years
- Work experience in a health care occupation of six months full-time or more (1,000 hours or more) as documented by an employer.
- Academic credentials of a bachelor's or master's degree

These point values and criteria were developed by the MCCC respiratory therapy faculty.

After **June 1st** of each year, the point values for all respiratory therapy applicants will be totaled. A rank ordered list of respiratory therapy applicants by point total will be created. Up to thirty (30) applicants with the highest number of points will be granted admission to the Respiratory Therapy Program. A group of up to fifteen (15) applicants with the next highest number of points will be placed on an alternate's list in the event of a vacancy for the program.

Points are calculated based upon the following criteria:

1. Math grade (MATH 151 or higher) and degree of difficulty

Points	Grade
5	A
3	B
1	C

+1 added to the above grade points if the course is MATH 157 or higher

MATH 152, 156, or 166 do not satisfy the Respiratory Therapy Program math pre-requisite

If a student takes MATH 151 and a higher level math (e.g. MATH 157), which ever combination that awards the highest number of points will be used for the point determination.

2. Chemistry grade (CHEM 150 or higher) and degree of difficulty

Points	Grade
4	A
2	B
1	C

+1 added to the above grade points if applicant has CHEM 151 or higher

3. Biology grade (BIOL 151/152 or 2 semesters of high school biology)

Points	Grade
4	A
3	A/B
2	B
1	B/C
0	C

4. BIOL 157 Anatomy and Physiology I grade

Points	Grade
6	A
3	B
1	C

5. BIOL 158 Anatomy and Physiology II grade

Points	Grade
6	A
3	B
1	C

6. BIOL 260 Microbiology grade

Points	Grade
4	A
2	B
1	C

7. Total number of credit hours taken at MCCC:

Points	Credits
5	49 credits or more
4	37-48 credits
3	25-36 credits
2	13-24 credits
1	1-12 credits
0	Non-MCCC student

8. Residency status as of June 1:

Points	Location
2	Monroe County
1	Michigan
0	Out-of-state

9. Attendance at MCCC RT Info Session and/or hospital tour

1 point each

10. Recent (within the past two years) health care work experience equivalent to 6 months full-time (>1,000 hours):

- 3 points if paramedic, respiratory aide, respiratory technician, LPN, RN
- 2 points if EMT or health program graduate requiring a college degree
- 1 point all health care not listed above including those that require a certificate

11. Education level

- 2 points for a bachelor's degree with major in sciences or health related (example: biology, chemistry, nursing)
- 1 point for all other bachelor's degree
- +1 point added to either of the above for a master's degree

In the event that two or more students receive the same number of points, a tie-breaker consideration will be based on the following order of conditions:

- Grade in BIOL 157 A&P ("A" then "B" then "C")
- Level or the degree of difficulty of math class (e.g. calculus then pre-calculus, etc.)
- Level of education (science degree, then master's, then general degree)
- Monroe County resident then out-of-county Michigan resident then out-of-state
- MCCC student with highest credit hour category down to non-MCCC student
- Lottery (names drawn randomly)

III. PHYSICAL EXAMINATION

A physical examination is required (at the student's expense) of students selected for the program. This exam must confirm that the student meets the physical and mental requirements needed to be successful in the program and as an entry-level staff therapist. If special accommodations are required under A.D.A., contact the Coordinator of the Learning Assistance Laboratory for specific information.

IV. ADDITIONAL GENERAL INFORMATION

1. The class of thirty (30) will be selected from among the pool of applicants by use of the numerical process.
2. A physical examination, blood work and immunizations are required of students selected for the program at the student's expense and which verify capabilities and general health status.
3. Applicants should be aware that any previous or current conviction of a crime and/or treatment for substance abuse may result in ineligibility to be a licensed respiratory therapist. Any questions or concerns about licensing should be directed to the State Board of Respiratory Care at www.michigan.gov/healthlicense.
4. Students admitted to the Respiratory Therapy Program must consent to security checks that consist of criminal background checks, fingerprinting and drug screening. In order to comply with Michigan Compiled Laws, no student will be admitted to the program if convicted of a felony or attempt/conspiracy to commit a felony within 15 years preceding the date of admission; or a misdemeanor conviction involving abuse, neglect, assault, battery, or criminal sexual conduct or fraud or theft (or similar misdemeanor in state or federal law) against a vulnerable adult within 10 years of the date of admission. No student will be admitted with a positive drug screen for illegal substances. Other positive background checks, either criminal or drug screening, may also be grounds for prohibiting admission, but will be considered case-by-case. Any cost incurred with the security checks is the student's responsibility.
5. The occupation of a respiratory therapist involves providing direct care to individuals. As such, it is characterized by the application of verified knowledge in the skillful performance of respiratory care modalities. Therefore, in order to be considered for admission or to be retained in the program, all applicants should possess:
 - a. Sufficient visual acuity, such as needed in the accurate interpretation of gauges, preparation and administration of medications and observation necessary for patient assessment and care;
 - b. Sufficient auditory perception to receive verbal communication from patients and members of the health team and to assess health needs of people through the use of monitoring devices such as cardiac monitors, stethoscopes, pulse oximeters, mechanical ventilators, fire alarms, etc.;
 - c. Sufficient communication skills (speech, reading, writing) to interact with individuals and to communicate their needs promptly and effectively as may be necessary in the individual's interest;
 - e. Sufficient intellectual and emotional functions to plan and implement care for individuals;
 - f. Psychological stability allowing performance at the required levels in the clinical portions of the program;
 - g. The capability to concentrate for long periods of time in selecting correct techniques, equipment and safety measures to assure maximum care and safety of the patient. Therefore, the applicant must be able to exercise independent judgments under both routine and emergency conditions. A person under the habitual influence of alcohol or consciousness-altering drugs could not meet the above criteria;
 - h. The ability to tolerate and function safely in environmental conditions such as exposure to a variety of substances (including latex particles) and conditions within the laboratory and clinical environment; temperature fluctuations; electromagnetic radiation; hazardous waste materials, including chemicals, poisonous substances, blood, body tissue or fluids; loud or unpleasant noises; high humidity, and inhalants such as dust and aerosol mists.