

## Respiratory Care

Associate in Science

Semester 1		Credits
RESP 101	Fundamentals of Respiratory Care I	7 <input type="checkbox"/>
RESP 113	Respiratory Care Seminar I	2 <input type="checkbox"/>
RESP 115	Respiratory Care Equipment	2 <input type="checkbox"/>
BIOL 201	Anatomy and Physiology I	4 <input type="checkbox"/>
CHEM 131	Survey of Chemistry	3 <input type="checkbox"/>
CHEM 151	General Chemistry I	
<b>CHOOSE ONE</b>		
		<b>18</b>

Semester 2		Credits
RESP 102	Fundamentals of Respiratory Care II	7 <input type="checkbox"/>
RESP 112	Introduction to Pharmacology	2 <input type="checkbox"/>
BIOL 202	Anatomy and Physiology II	4 <input type="checkbox"/>
ENGL 101	English Composition I	3 <input type="checkbox"/>
MATH ---	Math Elective	3 <input type="checkbox"/>
		<b>19</b>

Semester 3		Credits
RESP 103	Fundamentals of Respiratory Care III	7 <input type="checkbox"/>
RESP 111	Introduction to Pathology	2 <input type="checkbox"/>
RESP 121	Respiratory Care - Clinical Cardio Anatomy and Physiology	3 <input type="checkbox"/>
ENGL 102	English Composition II	3 <input type="checkbox"/>
		<b>15</b>

Semester 4		Credits
RESP 104	Fundamentals of Respiratory Care IV	7 <input type="checkbox"/>
RESP 116	Seminar II in Respiratory Care	3 <input type="checkbox"/>
RESP 117	Cardiopulmonary Diagnostics and Evaluation	1 <input type="checkbox"/>
BIOL 231	Microbiology	4 <input type="checkbox"/>
PSYC 101	General Psychology	3 <input type="checkbox"/>
		<b>18</b>



CONGRATULATIONS  
**You've Arrived!**

This academic map is a suggested semester-by-semester guide to keep you on a clear path to program completion. Your academic advisor will provide you with clear direction needed to stay on course and discuss scheduling options with you. Taking courses not reflected on this map may result in courses not counting toward the completion of your requirements.

### Milestones

All students prior to graduation will successfully take both the TMC and Clinical Simulation Self-Assessment Examination.

### About Developmental Courses

Developmental courses do not satisfy graduation requirements, but are required for those who place into them and will appear on a student's transcript. Placement into one of the following courses indicates that a student needs additional preparation before enrolling in college-level courses:

ENGL 091	Preparing for College Reading I
ENGL 092	Preparing for College Reading II
ENGL 095	Reading and Writing Seminar
ENGL 098	Reading and Writing Studio
ENGL 099	Introductory Writing
MATH 001-003	Preparing for College Math I-III
MATH 010	Fundamentals of Mathematics
MATH 011	Introductory Algebra
MATH 012	Intermediate Algebra
MATH 060	Math Literacy
MATH 061	Non-algebra Support
MATH 065	Integrated Preparation for College Algebra

### KEY

Keep an eye out for these symbols, which give important information about certain courses.



These courses have no prerequisites or developmental courses required.



These courses are only offered in certain semesters.



Students must earn a minimum grade in these courses to remain in the program.



Eligible electives for this program are listed on the reverse. Watch for this symbol.

### HELPFUL HINTS



Summer and/or Winter Session classes may be available for your program to help you finish on time. See your advisor or visit the online course search for availability.



Taking 15 credits/semester or 30 credits/year will help you stay on track to finish your degree in two years.

## Program Notes

Respiratory Care is the allied health profession that cares for patients with deficiencies and abnormalities of the cardiopulmonary system. The respiratory therapist sees a diverse group of patients ranging from newborn and pediatric patients to adults and the elderly. Conditions often requiring respiratory care include asthma, emphysema, chronic obstructive lung disease, pneumonia, and cystic fibrosis. Respiratory therapists identify, prevent, and rehabilitate acute or chronic dysfunction, to promote respiratory health and function.

Students enrolled in the Respiratory Care Program will participate in clinical work at area hospitals practicing skill sets in the emergency department, adult intensive care unit, neonatal intensive care unit, etc. settings.

All students must obtain a current Basic Life Support card through the American Heart Association prior to entry into the program. Students will earn Advanced Cardiac Life Support credentials in their final semester. All students must meet the required technical standards. Technical standards are available on the program website.

The Respiratory Care program is fully accredited by the Commission on Accreditation for Respiratory Care (COARC). Information about pass rates and other outcomes data can be found at [www.coarc.com](http://www.coarc.com).

After successful completion of the first semester of the respiratory care program and while maintaining a adequate GPA, students may be eligible for a limited practice license through the Commonwealth of Massachusetts. When holding a limited practice license, students may apply to work in a limited capacity as a student Respiratory Therapist at area hospitals.



**A minimum grade of C (75) is required in all respiratory courses for graduation.**

**Math Elective:** MATH 158 Intro to Statistics or higher

**Other Electives:** Students choosing a liberal arts elective can select from the Course Elective Guide at [massasoit.edu/electives](http://massasoit.edu/electives).

Completion of BIOL 121 Biological Principles is necessary for acceptance into the respiratory care program. Some courses may have prerequisites, which are courses that **must** be taken prior to a particular course. For details, log into DegreeWorks through your MyMassasoit portal.

**A minimum of 70 credits and 19 courses is required for completion. The same course may not be used to satisfy two different course requirements.**

## After Graduation/Completion

Upon completion of the program, graduates are required to take two National Board Exams. Both exams are given by the NBRC (National Board for Respiratory Care). The RRT credential is nationally recognized as the "standard of excellence" for respiratory care professionals.

The examinations for the RRT credential objectively and uniformly measure essential knowledge, skills and abilities required of advanced respiratory therapists. The NBRC evaluates the competency of respiratory therapists and ensures that graduates of accredited respiratory care education programs have every opportunity to earn the RRT credential.

The first examination for earning the RRT is the Therapist Multiple-Choice (TMC) Examination. The TMC Examination evaluates the abilities required of respiratory therapists at entry into practice and determines eligibility for the Clinical Simulation Examination (CSE). The CSE consists of 22 problems (20 scored items and 2 pretest items). The clinical setting and patient situation for each problem are designed to simulate reality and be relevant to the clinical practice of respiratory care.

## Resources for Academic Success

All college phone numbers are  
508-588-9100 + extension.

### Student Central

Admissions, financial aid, registration & payments

[massasoit.edu/studentcentral](http://massasoit.edu/studentcentral)  
[studentcentral@massasoit.mass.edu](mailto:studentcentral@massasoit.mass.edu)

Brockton | Student Center, Upper Level  
Canton | First Floor, C121

Admissions: x1411 Financial Aid: x1479  
Registrar: x1949 Student Accounts: x1507

### Testing & Assessment

[massasoit.edu/testing](http://massasoit.edu/testing)

Brockton | Student Center, Lower Level | x1991

### Advising, Career & Transfer Center

[massasoit.edu/act-center](http://massasoit.edu/act-center)  
[act@massasoit.edu](mailto:act@massasoit.edu)

Brockton | Student Center, Lower Level | x1461  
Canton | First Floor, C126 | x2516

### Academic Resource Center

Tutoring & academic support services

[massasoit.edu/arc](http://massasoit.edu/arc)

Brockton | Student Center, Lower Level | x1801  
Canton | First Floor, C126 | x2516

### Access & Disability Resources

[massasoit.edu/adr](http://massasoit.edu/adr) | x1807

### Division Dean

Catherine Powers Ozyurt, Ed.D., GCPh, LSW  
[nursing.alliedhealth@massasoit.mass.edu](mailto:nursing.alliedhealth@massasoit.mass.edu) | x1789

### Brockton

1 Massasoit Boulevard  
Brockton, MA 02302

### Canton

900 Randolph Street  
Canton, MA 02021

### Middleborough

49 Union Street  
Middleborough, MA 02346

**508-588-9100**  
**massasoit.edu**