ALLIED HEALTH

The Allied Health Program at Mount Wachusett Community College provides students with the opportunity to earn a Certificate in Allied Health or Associate Degree in Interdisciplinary Studies with an Allied Health Concentration. Upon completion of one of these programs, students will be contributing, productive and successful participants in the health sciences arena. During the course of study, students are able to attain skills leading to entry level employment while completing pre- and co-requisite coursework for MWCC health science programs such as nursing, medical laboratory technology, physical therapist assistant, pharmacy technician, medical coding and dental hygiene and assisting.

ALLIED HEALTH CONCENTRATION (IDSH) (FORMERLY GENERAL STUDIES ALLIED HEALTH)

A Degree in Interdisciplinary Studies

This concentration is for those who anticipate applying to a healthcare program, allowing them to complete general education requirements prior to program acceptance. Most of the MWCC healthcare programs have selective admissions requirements. (See Selective Admission Requirements [http://catalog.mwcc.edu/admissions/selectiveprogramrequirements]). Acceptance into this Interdisciplinary Studies concentration does not guarantee admission into a selective healthcare program, but does offer an opportunity to explore career options.

Year 1
Fall
ENG 101   College Writing I
3
BIO 109, 113, or 152  Biology I (or Life Science for Allied Health or Essentials of Anatomy and Physiology) 1
3-4
Career Electives (see list below)  
5-6
PSY 105   Introduction To Psychology
3
Spring
MAT 126   Topics In Mathematics (or higher)
3
ENG 102   College Writing II
3
Career Electives (see list below)  
5-7
PSY 110   Human Growth And Development
3
Year 2
Fall
CIS 127   Computer Technologies
3
BIO 199  Anatomy and Physiology I (formerly BIO203)
4
General Elective I 4
3
General Elective II 4
3
General Elective III 4
3
Spring
ISC 220  Community Service Learning Capstone 2
3
Humanities Elective 3
3
BIO 204 or 205  Anatomy and Physiology II (or Microbiology)
4
General Elective IV 4
3
General Elective V 4
3
Total Credits: 60-64

1 Students contemplating applications to the MWCC Practical Nursing (PN) program should select BIO 152 Essentials of Anatomy and Physiology. All other students should select BIO 109 Biology I or BIO 113 Life Science for Allied Health (formerly BIO 099).
2 CAPSTONE COURSE
3 Humanities Electives: See Elective Courses by Abbreviation [http://catalog.mwcc.edu/associateddegreesandcertificatelistandotheroptions/#electivecoursesbyabbreviationtext]. Students intending to continue to a baccalaureate degree may consider completing SPC 113.
Career Electives

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO 101</td>
<td>Introduction To Nutrition (formerly NUT101)</td>
<td>3</td>
</tr>
<tr>
<td>CHC 101</td>
<td>Complementary Health Care</td>
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</tr>
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<td>EKG 101</td>
<td>EKG Technician: Concepts And Practice</td>
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<td>EXS 201</td>
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</tr>
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<td>4</td>
</tr>
<tr>
<td>HEA 103</td>
<td>Medical Interpretation</td>
<td>4</td>
</tr>
<tr>
<td>HEA 115</td>
<td>Nurse Assistant Theory</td>
<td>3</td>
</tr>
<tr>
<td>HEA 116</td>
<td>Nurse Assistant Practicum</td>
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</tr>
<tr>
<td>HEA 117</td>
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<tr>
<td>HCC 111</td>
<td>Emergency Medical Technician I (Evening Only)</td>
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</tr>
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<td>MAS 201</td>
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<td>PLB 101</td>
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</table>

See Allied Health program student learning outcomes and technical standards.

Helpful hints

Interdisciplinary Studies is a good alternative if you have not decided on a career or transfer program. However, once you have decided, it is suggested that you change your program of study as soon as possible.

Technology is integrated into all aspects of attending college in the 21st century. Students are expected to have proficient computer skills and the ability to access the internet via desktop/laptop computer or tablet. Internet access may be from home or through a public site, such as a local public library, public college or at any Mount Wachusett Community College campuses.

Transfer options

For transfer options, please click here. (http://catalog.mwcc.edu/academicresources/#transferinformationtext) It is recommended that you also consult with your academic advisor.

Special requirements

Students should become familiar with the admission requirements and application deadline of their intended selective program. Technical standards must be met with or without accommodations.

As part of the coursework in the allied health program, students may be required to complete practical hours in clinical facilities working with patients/clients under the supervision of licensed providers. Some clinical sites require the student obtain certain background checks (state/federal criminal or sexual offender), fingerprinting and/or drug testing before participating in clinical
experiences. Costs for certain criminal background checks and drug testing are the responsibility of the student. All screenings and background checks are completed AFTER registration into the course.

The prospective student is encouraged to discuss any concerns with the dean. A positive background check, positive drug screen or refusal to comply in these background checks or drug testing will result in the inability to participate in clinical experiences required in the program.
ALLIED HEALTH CERTIFICATE (AHC)

This program is an excellent option for individuals seeking employment in the healthcare field.

Year 1

Fall

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Spring

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<tr>
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<td>Introduction To Psychology</td>
<td>3</td>
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<td>Career Electives (see list below)</td>
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Total Credits: 22-26

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See the allied health general information for technical standards.

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See Allied Health program student learning outcomes and technical standards.
Helpful hints
This is a great opportunity for students to gain entry level employment in the healthcare field prior to matriculating into a selective program. Technology is integrated into all aspects of attending college in the 21st century. Students are expected to have proficient computer skills and the ability to access the internet via desktop/laptop computer or tablet. Internet access may be from home or through a public site such as a local public library, public college or at any Mount Wachusett Community College campuses.

Special requirements
Technical standards must be met with or without accommodations.

As part of the coursework in the allied health program, students may be required to complete practical hours in clinical facilities working with patients/clients under the supervision of licensed providers. Some clinical sites require the student obtain certain background checks (state/federal criminal or sexual offender), fingerprinting and/or drug testing before participating in clinical experiences. Costs for certain criminal background checks and drug testing are the responsibility of the student. All screenings and background checks are completed AFTER registration into the course.

The prospective student is encouraged to discuss any concerns with the dean. A positive background check, positive drug screen or refusal to comply in these background checks or drug testing will result in the inability to participate in clinical experiences required in the program.

Transfer options
This program is intended for immediate career entry. Courses completed as part of this certificate program can be applied to the Interdisciplinary Studies -- Allied Health Concentration degree.

Career options/Earning potential
For career options, please click here. (https://mwcc.emsicareercoach.com/#action=loadSearchResults&Search=Allied +Health&SearchType=occupation)

Gainful Employment Program Disclosure Information
For gainful employment information, please click here (http://mwcc.edu/gedt/ahc).
EMERGENCY MEDICAL TECHNICIAN TRAINING (XEMT) (NON-DEGREE PROGRAM)

People’s lives often depend on the quick reaction and competent care of emergency medical technicians (EMTs). EMTs provide vital attention, caring for and transporting the sick or injured to medical facilities. In an emergency, EMTs typically are dispatched to the scene, where they determine the nature and extent of the patient’s condition. Following strict rules and guidelines, they give appropriate emergency care and, when necessary, transport the patient.

<table>
<thead>
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<tbody>
<tr>
<td>HCC 111 Emergency Medical Technician I (Evening Only) 4</td>
</tr>
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<td>HCC 112 Emergency Medical Technician II (Evening Only) 4</td>
</tr>
</tbody>
</table>

Technical Standards EMT

EMT students enrolling in EMT courses (HCC 111 Emergency Medical Technician I (Evening Only) and HCC 112 Emergency Medical Technician II (Evening Only)) must be able to demonstrate the ability to:

- Comprehend textbook material at the 11th grade level.
- Communicate and assimilate information either in spoken, printed, signed or computer voice format.
- Gather and draw conclusions from data acquired from patient treatment.
- Stoop, bend, and twist for a minimum of 30 minutes at a time and be able to repeat this activity at frequent intervals.
- Lift heavy loads (patients or equipment) that may exceed 100 pounds.
- Determine by touch: hotness/coldness, wetness/dryness, hardness/softness.
- Manipulate gauges and valves associated with, for example, oxygen delivery.
- Read measurement units with or without corrective lenses.
- Manipulate small devices such as syringes, IVs, resuscitation equipment, etc.
- Identify behaviors that would endanger a person’s life or safety and intervene quickly in a crisis situation with an appropriate solution.
- Remain calm, rational, decisive, and in control at all times, especially during emergency situations.
- Exhibit social skills appropriate to professional interactions.
- Maintain cleanliness and personal grooming consistent with close personal contact.
- Function without causing harm to self or others if under the influence of prescription or over-the-counter medications.

Program length

Typically, these courses can be completed in one semester. HCC 111 Emergency Medical Technician I (Evening Only) meets the first seven weeks of a semester and HCC 112 Emergency Medical Technician II (Evening Only) meets the second seven weeks.

Certification

Upon completion of HCC 111 Emergency Medical Technician I (Evening Only) and HCC 112 Emergency Medical Technician II (Evening Only) with a final grade of 73 percent or better, students are eligible to take the state certification exam. (The practical exam costs $150; and the written exam costs $80, and a $130 host site fee.) Candidates must be at least 18 years of age for either exam. Candidates must complete the state examinations within two years of completing HCC 111 Emergency Medical Technician I (Evening Only) and HCC 112 Emergency Medical Technician II (Evening Only).

Transfer options

Students can use these credits as career electives in MWCC’s Allied Health programs (AHC and IDSH). Consult with your academic advisor for further information.

Career options/Earning potential

For career options, please click here. (https://mwcc.emsicareercoach.com/#action=loadSearchResults&Search=Emergency+Medical+Technician&SearchType=occupation)
PHLEBOTOMY TRAINING (XPLB) (NON-DEGREE PROGRAM)

A phlebotomist is skilled in blood collection and the preparation of certain specimens for diagnostic laboratory testing, as ordered by a physician. This program prepares individuals for careers as phlebotomists in various health care settings, such as hospitals, physician offices, HMOs, surgical centers, and independent laboratories. Students study the profession’s history; medical terminology; venipuncture; arterial puncture; microsampling; special blood collection procedures; OSHA and safety procedures involving bloodborne pathogens; basic computer applications; basic pre-analytical and post-analytical laboratory procedures and point of care testing; and electrocardiography procedures. Course objectives and competency are accomplished through formal coursework, laboratory practice, and a clinical practicum (a three week, 40 hours per week daytime commitment). A $150 fee for the practicum will be assessed for PLB 203. Upon completion of this certificate, students are eligible to sit for the certification exam. For more information, please call 978-630-9110.

<table>
<thead>
<tr>
<th>Credits</th>
</tr>
</thead>
</table>
| PLB 101 Introduction To Phlebotomy | 3  
| PLB 203 Phlebotomy Clinical Practicum | 4  

TECHNICAL STANDARDS ¹ FOR XPLB

Students entering this program, must be able to demonstrate the ability to:

- Comprehend textbook material at the 11th grade level.
- Communicate and assimilate information either in spoken, printed, signed, or computer voice format.
- Read measurement units with or without corrective lenses.
- Gather, analyze, and draw conclusions from data.
- Stand for a minimum of two hours.
- Walk for a minimum of six hours, not necessarily consecutively.
- Stoop, bend, and twist for a minimum of 30 minutes at a time and be able to repeat this activity at frequent intervals.
- Lift a 40-pound person or assist with a larger person and transfer the person from one location to another.
- Determine by touch: hotness/coldness, wetness/dryness, and hardness/softness.
- Use the small muscle dexterity necessary to do such tasks as gloving, gowning, and operating controls on machinery.
- Respond to spoken words, monitor signals, call bells, and vital sign assessment equipment with or without corrective devices.
- Identify behaviors that would endanger a person’s life or safety and intervene quickly, with an appropriate solution, in a crisis situation.
- Remain calm, rational, decisive, and in control at all times, especially during emergency situations.
- Exhibit social skills appropriate to professional interactions.
- Maintain cleanliness and personal grooming consistent with close personal contact.
- Function without causing harm to self or others if under the influence of prescription or over-the-counter medications.

Helpful hints

This is a great professional development opportunity for those already in the healthcare field. Technology is integrated into all aspects of attending college in the 21st century. Students are expected to have proficient computer skills and the ability to access the internet via desktop/laptop computer or tablet. Internet access may be from home or through a public site, such as a local public library, public college or at any Mount Wachusett Community College campuses.
Transfer options
PLB 101 Introduction To Phlebotomy and PLB 203 Phlebotomy Clinical Practicum can be used as career electives in the Allied Health programs (AHC and IDSH). Consult with your academic advisor for further information these programs.

Special requirements
Students must have proof of immunizations, liability insurance, health insurance, a Criminal and Sexual Offender Records Information (CORI/SORI) check, fingerprinting and drug testing. Costs for certain criminal background checks and drug testing are the responsibility of the student. All screenings and background checks are completed AFTER registration in the course.

The prospective student is encouraged to discuss any concerns with the dean. A positive background check, positive drug screen or refusal to comply in these background checks or drug testing will result in the inability to participate in clinical experiences required in the program.

Technical standards must be met with or without accommodations. Due to the limited availability of practicum sites, students will be charged a special fee.

A C+ or higher in PLB 101 Introduction To Phlebotomy is required to participate in PLB 203 Phlebotomy Clinical Practicum. Clinical sites will be awarded based on attendance, grades, professionalism and ability to perform phlebotomy. A student who successfully completes PLB 101 Introduction To Phlebotomy must register for PLB 203 Phlebotomy Clinical Practicum within two years; otherwise, the student must retake PLB 101 Introduction To Phlebotomy.

Career options/Earning potential
After passing the American Society for Clinical Pathology (ASCP) certification exam, graduates can become recognized as a Phlebotomy Technician (PBT). The exam fee is $135 through ASCP.

For career options, please click here. (https://mwcc.emsicareercoach.com/#action=loadOccupationSearchResults&Search=Phlebotomist&SearchType=occupation)
PROGRAM STUDENT LEARNING OUTCOMES FOR AHC, IDSH, XEMT AND XPLB

Program Student Learning Outcomes are those outcomes outlined in the Institutional Effectiveness and Learning Outcomes Assessment section.

Upon graduation from this program, students shall have demonstrated the ability to:

- Demonstrate an understanding of complex written texts that demand an appreciation of subtext, irony, metaphor, and the subtlety and nuances of language.
- Successfully complete a substantial research paper that demonstrates the ability to formulate a research question, conduct research using the library’s databases, and synthesize information from a variety of sources into a cohesive and in-depth analysis of a topic.
- Demonstrate knowledge of historic, social, and cultural backgrounds necessary for understanding their own and other societies with an emphasis on important ideas and events that have shaped, and continue to shape, their world.
- Demonstrate scientific literacy, which can be defined as the matrix of knowledge needed to understand enough about the universe to deal with issues that come across the horizon of the average citizen, in the news or elsewhere.
- Demonstrate a broad exposure and clear understanding of the various disciplines and the proper foundation to pursue a variety of career choices.

TECHNICAL STANDARDS ¹ FOR IDSH AND AHC

For general information about technical standards and accommodation, see Technical Standards. (http://catalog.mwcc.edu/academicresources/academicandgradingpolicies/technicalstandards)

- Comprehend textbook material at the 11th grade level.
- Communicate and assimilate information either in spoken, printed, signed, or computer voice format.
- Read measurement units with or without corrective lenses.
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