



ADVANCED EMERGENCY MEDICAL TECHNICIAN & PARAMEDICINE - CERTIFICATES



PURPOSE OF PROGRAM

These certificate programs are designed to meet the needs for well-trained EMTs and paramedics. The programs follow the National Emergency Medical Services Education Standards for Paramedic Education and meet or exceed the national standards for minimum clinical, didactic, lab and field externship hours and competencies. The programs are offered with ongoing approval from the Maine Emergency Medical Services, the Commission on Accreditation of Allied Health Professions (CAAHEP) and follow the standards and guidelines of the Committee on Accreditation of Educational Programs for the Emergency Medical Services Professions (CoAEMSP). The core courses will simulate EMT and paramedic preparations, including studies of cardiac emergencies, emergency resuscitation, pharmacology, medical/legal issues, psychological emergencies, trauma, obstetrics and gynecology, pediatrics, and neonatal care. In the hospital clinical component, students will observe, assess, and assist with care of medical, surgical and trauma patients; will administer medications; and will assist with diagnostic procedures. Clinical experiences will occur in pediatric, labor and delivery, emergency department, and critical care settings. Field experiences will allow the student to take the team leadership role at local services and in more urban settings.

CAREER OPPORTUNITIES

Graduates from these programs are prepared for rewarding careers with ambulance services and fire departments as well as private businesses and industry.

NOTE: All students are required to meet certain admission requirements including proof of immunizations.

The State may refuse to grant a license on the basis of the criminal history record information relating to convictions denominated in Title V Chapter 341 Section 5301 Subsection II of the Maine Revised Statutes Annotated.

NMCC is an equal opportunity/affirmative action institution and employer. For more information, please call 768-2791.

ADMISSION POLICY

Completion of a high school diploma or a state high school equivalency certificate (GED) is required for admission into any of NMCC's emergency medical services programs. All applicants are required to have two years of math, including algebra I, with algebra II desired. High school biology and chemistry with labs or successful completion of BIO 114 is recommended for all. All applicants are encouraged to hold a valid driver's license. Applicants must provide proof of current BLS certification. A rolling admission policy affords candidates the opportunity to apply and be accepted throughout the year, but early application (9-10 months prior to the school year) is recommended because of competition and strict enrollment capacities.

*AEMT certificate students will enter the program with courses starting in the fall semester.

*Paramedicine certificate students will enter the program with courses starting in the summer semester.

APPLICATION PROCEDURE

The following procedures constitute the admissions process:

1. An application form must be submitted accompanied by a nonrefundable \$20 application fee.
2. An official high school transcript must also be submitted (current seniors' transcripts should include completed ranking periods); GED test scores must be submitted by applicants who are not high school graduates.
3. Official college transcripts must be submitted by applicants who have attended other colleges or post-secondary schools.
4. A medical clearance form must be completed and returned to the college.
5. Placement testing or appropriate SAT scores, individual interviews and campus tours are required, in most cases, prior to being admitted.
6. Admissions decisions are made as quickly as possible once a candidate's file is complete.
7. Accepted applicants are required to make a deposit within thirty days of acceptance. Students requesting on campus housing are required to submit an additional deposit to reserve space in the residential complex.
8. Applicants for the associate degree or certificate programs must be at least 18 years old.
9. Candidates for admission into the AEMT program must present at least one of the following: an active EMT license, proof of equivalent licensure from another state, or NREMT registration at the EMT level.
10. Candidates for admission into the Paramedicine Certificate program must present at least one of the following: an active AEMT license, a Primary Care Paramedic license (Canada), a Maine EMS approved proof of equivalent licensure from another state, or NREMT registration at the AEMT level.
11. Proof of English Composition, College Algebra and an Advanced EMT certification, or their equivalents, are pre-requisites to the Paramedicine Certificate Program.

ADVANCED EMERGENCY MEDICAL TECHNICIAN

2016-2017 Curriculum

AEMT Certificate Program

Prerequisite: Basic EMT Certificate

<u>First Semester - Fall</u>	<u>C</u>	<u>L</u>	<u>F</u>	<u>CL</u>	<u>CR</u>
♦ ALH 124 Health & Safety Comp.	1	0	0	0	1
♦♦EMS 112 Respiratory Emergencies	1.5	1.5	0	0	2
♦♦EMS 113 Cardiology I	2	0	0	0	2
♦♦EMS 114 AEMT Lab	0	3	0	0	1
♦♦EMS 115 Fund. of EMS Systems	2.5	1.5	0	0	3
ENG 111 English Composition	3	0	0	0	3
	10	6	0	0	12

Second Semester - Spring

♦♦EMS 122 Inter. Clinical Extern. I	0	0	0	6	2
♦♦EMS 126 Inter. Clinical Extern. II	0	0	6	0	2
♦♦EMS 130 EMT-Intermediate Skills Seminar	0	3	0	0	1
MAT 125 College Algebra	3	0	0	0	3
	3	3	6	6	8

TOTAL REQUIRED

20

PARAMEDICINE

Certificate Program

*Prerequisite: AEMT Certificate or equivalent**

Prerequisite: ENG 111 and MAT 125

<u>First Semester - Summer</u>	<u>C</u>	<u>L</u>	<u>F</u>	<u>CL</u>	<u>CR</u>
♦ BIO 120 Anatomy & Physiology I	3	2	0	0	4
♦♦EMS 213 Adv. Emergency Cardio. Care (ACLS)	3	3	0	0	4
♦♦EMS 214 Emergency Pharm.	2.5	.5	0	0	3
	8.5	5.5	0	0	11

Second Semester - Fall

♦ BIO 130 Anatomy/Physiology II	3	2	0	0	4
♦♦EMS 205 Medical Emergencies	3	0	0	0	3
♦♦EMS 216 Paramedic Clinical Externship I	0	0	0	15	5
♦♦EMS 220 Pediatric Emergencies (PALS/NRP)	1.5	1.5	0	0	2
♦♦EMS 222 Trauma Management (PHTLS)	1.5	2.5	0	0	3
♦♦EMS 236 Paramedic Assmt. Mgt. (PHTLS)	1	0	0	0	1
	10	6	0	15	18

Third Semester - Spring

♦♦EMS 226 Paramedic Clinical Externship II	0	0	12	0	4
♦♦EMS 229 EMT-Paramedic Skills	0	3	0	0	1
♦♦EMS 230 Urban Field Externship	0	0	3	0	1
♦♦EMS 231 Special Populations	1	0	0	0	1
♦♦EMS 233 EMS Operations	0	3	0	0	1
	1	6	15	0	8

TOTAL REQUIRED

37

♦ *Major courses; a minimum grade of "C" or 2.0 required.*

♦♦ *Major EMS courses; a minimum grade of "C" or 2.0 required.*

C - class hours L - lab hours F - field experience CL - clinical CR - credits

- To be eligible for AEMT certification and/or Paramedic certification, a cumulative average grade of '80', (B-) in all major EMS courses is required.
- Applicants who have not successfully completed (73 or higher) ALH 124 within the past 12 months are required to take the course and/or demonstrate competency through work experience. **Note:** This must be completed prior to entering the Paramedic Certificate Program.
- Not all courses are offered every semester.
- Clinical externships are faculty directed courses; students work with an assigned preceptor in various clinical rotations in both the hospital and prehospital setting.
- Students are responsible for the additional cost of Advanced Cardiac Life Support, Neonatal Resuscitation, Pediatric Advanced Life Support, Prehospital Trauma Life Support and travel expenses associated with the urban externship. These courses are required to attain Paramedic Certification.
- Students wishing to use their financial aid for summer semester courses must indicate such on their financial aid application.