

ADVANCED EMERGENCY MEDICAL TECHNICIAN & PARAMEDICINE - CERTIFICATES



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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.

High Demand Field!

CAREER OPPORTUNITIES

Graduates from these programs are prepared for rewarding careers with:

- Ambulance services
- Fire department
- Private business and industry

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APPLICATION PROCEDURE

The following procedures constitute the admissions process:

1. Submit an NMCC application along with a \$20 application fee.
2. Submit official high school transcript and/or HiSET/GED scores (current senior's transcript should include completed ranking period grades).
3. Official college transcripts for applicants who have attended other post-secondary schools.
4. If SAT scores are not available, placement testing may be required.
5. Individual interview required.
6. A campus tour is highly recommended.

Note: Criminal history record search will be completed by NMCC personnel. Prior criminal convictions may preclude program admission or licensure.

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

**Questions? Contact
admissions@nmcc.edu**

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ADVANCED EMERGENCY MEDICAL TECHNICIAN 2021-2022 Curriculum AEMT Certificate Program

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
- NREMT registration at the EMT level.

| First Semester - Fall | C | L | F | CL | CR |
|-----------------------------------|-----|-----|---|----|----|
| ◆ 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 |

Prerequisite: Active EMT Certificate or equivalent licensure.

| Second Semester - Spring | C | L | F | CL | CR |
|------------------------------------|---|---|---|----|-----------|
| ◆◆EMS 122 AEMT Clinical Extern. I | 0 | 0 | 0 | 6 | 2 |
| ◆◆EMS 126 AEMT Clinical Extern. II | 0 | 0 | 6 | 0 | 2 |
| ◆◆EMS 130 AEMT Skills Seminar | 0 | 3 | 0 | 0 | 1 |
| MAT 116 Quantitative Reasoning | 3 | 0 | 0 | 0 | 3 |
| OR | | | | | |
| MAT 125 College Algebra | 3 | 0 | 0 | 0 | 3 |
| | 3 | 3 | 6 | 6 | 8 |
| TOTAL REQUIRED | | | | | 20 |

PARAMEDICINE

2021-2022 Curriculum Certificate Program

Prerequisite: AEMT Certificate or equivalent

Prerequisite: ENG 111 and MAT 125

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.

| First Semester - Summer | C | L | F | CL | CR |
|---|-----|-----|---|----|----|
| ◆ BIO 201 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 | C | L | F | CL | CR |
|---|-----|-----|---|----|----|
| ◆ BIO 211 Anatomy/Physiology II | 3 | 2 | 0 | 0 | 4 |
| ◆◆EMS 205 Medical Emergencies (AMLS) | 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. | 0 | 3 | 0 | 0 | 1 |
| | 9 | 9 | 0 | 15 | 18 |

| Third Semester - Spring | C | L | F | CL | CR |
|---|---|---|----|----|----|
| ◆◆EMS 226 Paramedic Clinical Externship II | 0 | 0 | 12 | 0 | 4 |
| ◆◆EMS 229 EMT-Paramedic Skills | 0 | 3 | 0 | 0 | 1 |
| ◆◆EMS 231 Special Populations | 1 | 0 | 0 | 0 | 1 |
| ◆◆EMS 232 The Paramedic Clinical Capstone | 0 | 0 | 0 | 45 | 1 |
| ◆◆EMS 233 EMS Operations | 1 | 0 | 0 | 0 | 1 |
| | 2 | 3 | 12 | 45 | 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.*

Key: C= Class Hours, L= Lab Hours, F= Field Experience, CR= Credit Hours

- *• 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 clinicals and externships. 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.

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

207-768-2785

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