

# ADVANCED EMERGENCY MEDICAL TECHNICIAN & PARAMEDICINE CERTIFICATES



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**HIGH DEMAND FIELD!**

**Questions?**

**Contact:**  
**[admissions@nmcc.edu](mailto:admissions@nmcc.edu)**

## CAREER OPPORTUNITIES

Graduates from these programs are prepared for rewarding careers with:

- Private ambulance services
- Municipal ambulance services
- Fire departments
- Hospital/acute healthcare facilities

## APPLICATION PROCEDURE

**The following procedures constitute the admissions process:**

1. Submit an NMCC application.
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. Meet with an Admissions Counselor.
6. A campus tour is highly recommended.

## PROGRAM PURPOSE

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 EMS courses ensures the student is prepared to function as a competent EMS provider upon course completion and includes but is not limited to such content as the study of cardiac emergencies, emergency resuscitation, medical/legal issues, pharmacology, psychological emergencies, trauma, obstetrics and gynecology, pediatrics, and neonatal care. A variety of clinical resources will be utilized to aid the education and preparation of the EMS student which include clinical rotations in the hospital/acute healthcare setting, field externships at ambulance services, as well as utilizing the Northern Maine Community College (NMCC) EMS simulation center.

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## ADVANCED EMERGENCY MEDICAL TECHNICIAN AEMT Certificate Program

| First Semester |     |     |                             |     |     | C | L | F | CL | CR |
|----------------|-----|-----|-----------------------------|-----|-----|---|---|---|----|----|
| >              | ALH | 124 | Health & Safety Compliance  | 1   | 0   | 0 | 0 | 0 | 1  |    |
| >>             | EMS | 112 | Respiratory Emergencies     | 1.5 | 1.5 | 0 | 0 | 0 | 2  |    |
| >>             | EMS | 113 | Cardiology I                | 2   | 0   | 0 | 0 | 0 | 2  |    |
| >>             | EMS | 114 | AEMT Lab                    | 0   | 3   | 0 | 0 | 0 | 1  |    |
| >>             | EMS | 115 | Fundamentals of EMS Systems | 2.5 | 1.5 | 0 | 0 | 0 | 3  |    |
|                | ENG | 111 | English Composition         | 3   | 0   | 0 | 0 | 0 | 3  |    |
|                |     |     |                             | 10  | 6   | 0 | 0 | 0 | 12 |    |

Pre-requisite: Active EMT Certificate or equivalent licensure.

| Second Semester |     |     |  |   |   | C | L | F | CL | CR |
|-----------------|-----|-----|--|---|---|---|---|---|----|----|
| >>              | EMS | 122 | AEMT Clinical Externship I                             | 0 | 0 | 0 | 6 | 6 | 2  |    |
| >>              | EMS | 126 | AEMT Clinical Externship II                            | 0 | 0 | 6 | 0 | 0 | 2  |    |
| >>              | EMS | 130 | AEMT Skills Seminar                                    | 0 | 3 | 0 | 0 | 0 | 1  |    |
|                 | MAT | 116 | Quantitative Reasoning<br>(or MAT 125 College Algebra) | 3 | 0 | 0 | 0 | 0 | 3  |    |
|                 |     |     |  | 3 | 3 | 6 | 6 | 0 | 8  |    |

**Total Required** **20**

- 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.

## PARAMEDICINE Certificate Program

| First Semester |     |     |                                       |     |     | C | L | F | CL | CR |
|----------------|-----|-----|---------------------------------------|-----|-----|---|---|---|----|----|
| >              | BIO | 201 | Anatomy & Physiology I                | 3   | 2   | 0 | 0 | 0 | 4  |    |
| >>             | EMS | 213 | Advanced Emergency Cardio Care (ACLS) | 3   | 3   | 0 | 0 | 0 | 4  |    |
| >>             | EMS | 214 | Advanced Emergency Pharmacology       | 2.5 | 0.5 | 0 | 0 | 0 | 3  |    |
|                |     |     |                                       | 8.8 | 5.5 | 0 | 0 | 0 | 11 |    |

| Second Semester |     |     |                                    |     |     | C | L  | F  | CL | CR |
|-----------------|-----|-----|------------------------------------|-----|-----|---|----|----|----|----|
| >               | BIO | 211 | Anatomy & Physiology II            | 3   | 2   | 0 | 0  | 0  | 4  |    |
| >>              | EMS | 205 | Medical Emergencies (AMLS)         | 3   | 0   | 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  | 0  | 2  |    |
| >>              | EMS | 222 | Trauma Management (PHTLS)          | 1.5 | 2.5 | 0 | 0  | 0  | 3  |    |
| >>              | EMS | 236 | Paramedic Assessment Management    | 0   | 3   | 0 | 0  | 0  | 1  |    |
|                 |     |     |                                    | 9   | 9   | 0 | 15 | 18 |    |    |

| Third Semester |     |     |                                  |   |   | 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  | 0 | 1  |    |
| >>             | EMS | 231 | Special Populations              | 1 | 0 | 0  | 0  | 0 | 1  |    |
| >>             | EMS | 232 | Paramedic Clinical Capstone      | 0 | 0 | 0  | 45 | 1 |    |    |
| >>             | EMS | 233 | EMS Operations                   | 1 | 0 | 0  | 0  | 0 | 1  |    |
|                |     |     |                                  | 2 | 3 | 12 | 45 | 8 |    |    |

**Total Required** **37**

*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.

*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
- NREMT registration at the AEMT level

> Major courses; a minimum grade of "C" or 2.0 is required  
>> Major courses; a minimum grade of "C+" or a minimum grade of 77 is required

Key: C= Class Hours, CL= Clinical Hours, CR= Credit Hours, F= Field, L= Laboratory

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