

EMERGENCY MEDICAL SERVICES - AAS



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PROGRAM PURPOSE

Emergency medical services is a program designed to meet the needs for well-trained EMTs and paramedics. The program follows the National Emergency Medical Services Education Standards for Paramedic Education and meets or exceeds the national standards for minimum clinical, didactic, lab and field externship hours and competencies. The program is offered with ongoing approval from Maine Emergency Medical Services, is accredited by the Commission on Accreditation of Allied Health Professions (CAAHEP), and follows 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, medical/legal issues, pharmacology, 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.

Students receive real experience through externships in their first year!

CAREER OPPORTUNITIES

Graduates from the associate degree EMS program are prepared for rewarding careers with:

- ambulance services
- private businesses
- fire departments

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.
7. Applicants must be at least 18 years of age.

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

NOTE: Whether admitted into the associate degree program or just taking an EMS course, all students are required to meet certain admission requirements including proof of immunizations.

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2021-2022 Curriculum

Associate in Applied Science Degree Program

Prerequisite: EMT Basic Certificate

First Semester - Fall	C	L	F	CL	CR
◆ BIO 201 Anatomy & Physiology I	3	2	0	0	4
◆◆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
	12	8	0	0	15

Prerequisite: EMT Basic Certificate/License

Second Semester - Spring	C	L	F	CL	CR
◆ ALH 124 Health & Safety Comp.	1	0	0	0	1
◆ BIO 211 Anatomy/Physiology II	3	2	0	0	4
◆◆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
	7	5	6	6	13

Third Semester - Summer

◆◆EMS 213 Adv. Emergency Cardio. Care (ACLS)	3	3	0	0	4
◆◆EMS 214 Emergency Pharmacology	2.5	.5	0	0	3
PSY 101 General Psychology	3	0	0	0	3
Communications Elective	3	0	0	0	3
	11.5	3.5	0	0	13

Prerequisite: Emergency Medical Technician (EMT) AEMT Level Licensure

Fourth Semester - Fall

◆◆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
	6	7	0	15	14

Fifth Semester - Spring

◆◆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
SOC 111 Sociology	3	0	0	0	3
Humanities Elective	3	0	0	0	3
	8	3	12	45	14

TOTAL REQUIRED 69

- To be eligible for national AEMT 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.
- 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, Emergency Pediatric Care, Pediatric Advanced Life Support, and Prehospital Trauma Life Support. 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.

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

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

NMCC's EMS programs are accredited by:



CAAHEP
Commission on Accreditation of Allied Health Programs
25400 US Highway 19 North
Suite 158
Clearwater, FL 33763
P: 727-210-2350



Committee on Accreditation of Educational Programs for the Emergency Medical Services Professions

CoAEMSP
8301 Lakeview Parkway Suite 111-312
Rowlett, TX 75088
P: 214-703-8445
F: 214-703-8992

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

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