

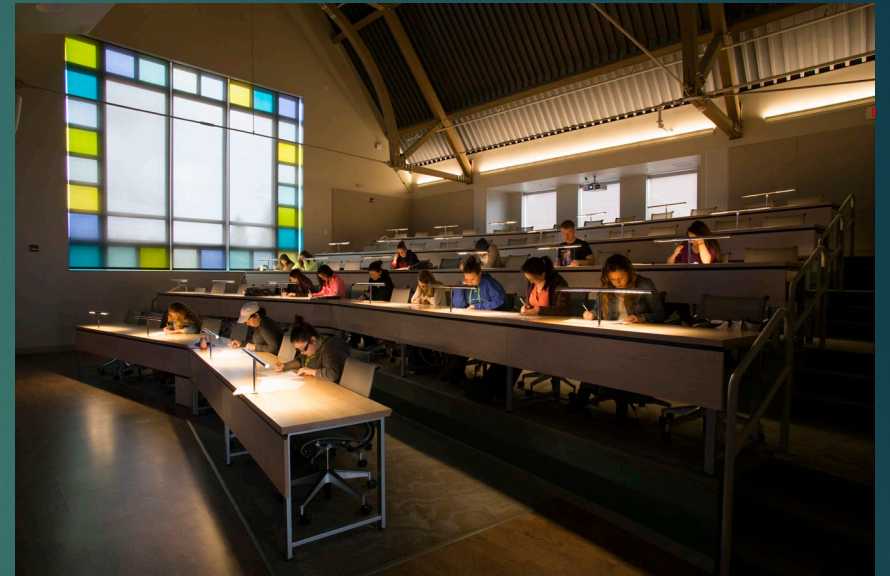
EMS Education in Maine

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MAINE COMMUNITY COLLEGE SYSTEM

Training Centers in Maine

- ▶ **Ambulance Services**
 - ▶ Delta Ambulance & United Ambulance
- ▶ **Maine Community College System**
 - ▶ EMCC, KVCC, NMCC, and SMCC
 - ▶ WCCC works with KVCC
 - ▶ YCCC works with SMCC
- ▶ **Regional Offices**
 - ▶ Aroostook EMS & Tri-County EMS



CoAEMSP/CAAHEP Accreditation

- ▶ **CoAEMSP** = Committee on Accreditation of the Educational Programs for the Emergency Medical Services Professions
- ▶ **CAAHEP** = Commission on Accreditation of Allied Health Programs
- ▶ Accredited Paramedic Programs in Maine
 - ▶ EMCC (Bangor)
 - ▶ KVCC (Fairfield)
 - ▶ NMCC (Presque Isle)
 - ▶ SMCC (South Portland)
 - ▶ United Ambulance (Lewiston)

How Education is Delivered

- ▶ **Standard classroom model**
 - ▶ In person lecture & laboratory
- ▶ **Hybrid model**
 - ▶ On-line learning
 - ▶ Virtual classroom
 - ▶ In-person lab sessions
- ▶ **Awards**
 - ▶ Diploma/Certificate
 - ▶ Academic certificate
 - ▶ Associate Degree



Patient Simulation

EMR – Emergency Medical Responder

- ▶ 40-80 hours of education
 - ▶ Education Standards recommend competency based, but a minimum of 48 program hours is recommended.
- ▶ Intended for 1st responders, not ambulance assignments
 - ▶ Firefighters, Police Officers, Search and Rescue
 - ▶ EMS Volunteers
- ▶ No externship experience required
- ▶ Certification/Licensure
 - ▶ NREMT Written Exam
 - ▶ Maine EMS Psychomotor Portfolio/PSE

EMT – Emergency Medical Technician

- ▶ 110-250 hours of education
 - ▶ Education Standards recommend competency based, but a minimum of 150 program hours is recommended.
- ▶ Intended for
 - ▶ Ambulance services & fire departments with ambulance transport duties
 - ▶ First response systems (*non-transporting agencies*)
 - ▶ Hospital/Clinic technicians
- ▶ Externship experience recommended in Maine
- ▶ Certification/Licensure
 - ▶ NREMT Written Exam
 - ▶ Maine EMS Psychomotor Portfolio/PSE
- ▶ Approximately 50% of the emergency call volume could likely be managed by EMTs

AEMT – Advanced EMT

- ▶ 200-470 hours of education
 - ▶ Education Standards recommend competency based but a minimum of 200 program hours beyond EMT is recommended
- ▶ Intended for
 - ▶ Ambulance services & fire departments with ambulance transport duties
 - ▶ First response systems (*non-transporting agencies*)
 - ▶ Hospital/Clinic technicians
- ▶ Externship experience required in Maine
- ▶ Certification/Licensure
 - ▶ NREMT Written Exam
 - ▶ NREMT Psychomotor Exam (*travel to NH*)
- ▶ Approximately 85% of the emergency call volume could likely be managed by AEMTs

Paramedic

- ▶ 9 months to 2 years of education
 - ▶ Education Standards defers to CoAEMSP/CAAHEP accreditation
 - ▶ EMT to Paramedic and AEMT to Paramedic Programs
- ▶ Intended for
 - ▶ Ambulance services & fire departments with ambulance transport duties
 - ▶ Hospital/Clinic technicians
 - ▶ Specialty care systems
- ▶ CAAHEP Accreditation Required
- ▶ Externship experience required in Maine
- ▶ Certification/Licensure
 - ▶ NREMT Written Exam
 - ▶ NREMT Psychomotor Exam (*travel to NH*)
- ▶ Approximately 15% of the emergency call volume needs paramedic field interventions

Other Areas of EMS Education

▶ Specialty areas

- ▶ Wilderness & Austere
- ▶ Community Paramedicine
- ▶ Interfacility & Specialty care
- ▶ Tactical
- ▶ Leadership
- ▶ Instructional
- ▶ Quality Improvement

▶ Continuing education

- ▶ Service level education
 - ▶ Field training of students and new employees
 - ▶ Credentialing
 - ▶ Operations
- ▶ Certification programs
- ▶ Lifelong learning

Strengths

- ▶ Passionate instructors
- ▶ Most of the State of Maine has access to entry level EMS Education through the 8 training centers in Androscoggin, Aroostook, Cumberland, Kennebec, Penobscot, and Washington Counties
 - ▶ Hybrid education models
 - ▶ Remote lab spaces
- ▶ Maine EMS works with Training Centers to meet goals
 - ▶ Portfolio education models
- ▶ Multiple models of delivery for various needs
- ▶ Meeting students where they are and working to be more flexible with students needs

Strengths

- ▶ MCCS has dedicated significant new resources to EMS education
 - ▶ 1 system level resource
 - ▶ 6 new faculty (11 Total)
 - ▶ 2 staff members
 - ▶ New EMS Simulation Center at NMCC
 - ▶ Common EMT Curriculum at all Community Colleges
 - ▶ Shared resources and support throughout the system and with other Training Centers & Maine EMS
 - ▶ MQC/ARPA funding

Weaknesses

- ▶ Many students are doing shift work 40+ hours while going to school, managing a household, children, or other activities.
- ▶ Instructors are working 40+ hours a week to keep up with workloads and multiple student issues
- ▶ Clinical and field resources can fluctuate making it difficult to sustainably and ethically expand program offerings for more education
- ▶ Start up expenses for new programming
 - ▶ Equipment (*assumes 8 students: 1 instructor*)
 - ▶ EMT \$25,000
 - ▶ AEMT/Paramedic \$250,000
- ▶ Continuing education and on-going clinical proficiency for field providers

Opportunities

- ▶ Development of satellite/alternate site Paramedic Programs in rural areas that utilize technology to link with other Paramedic Programs
- ▶ Robust service level field training programs that support not just new providers and students, but learning throughout the career
- ▶ EMS Institute that provides education and training opportunities for life-long learning
- ▶ Leadership development for current and future service leadership
- ▶ Community Paramedicine & Interfacility Transfer
- ▶ Diversification of the EMS workforce with new Mainers

Opportunities

- ▶ Funding mechanisms for students and agencies to support education for providers
- ▶ Education to produce more instructional resources
- ▶ More EMR education for 1st responders and volunteers
- ▶ Better utilization of EMT and AEMT providers
- ▶ Retain... Retain... Retain...

Threats

- ▶ No mechanism to maintain a volunteer system, yet still relied upon
- ▶ No consistent training or educational systems for developing current or future instructors or educators
- ▶ Agencies not recognizing the change of wants and needs in new employees, overworking is now a no go.
- ▶ Limited field service preceptors
- ▶ Access to pediatric patients for clinical rotations
- ▶ Overutilization of paramedics for non-paramedic call volumes

Threats

- ▶ Starting Wages

- ▶ Providers

- ▶ Recent ad:

- ▶ AEMT \$24.07/hr
 - ▶ Paramedic \$24.67/hr
 - ▶ \$0.60/hr = \$1,310.40/year

- ▶ Instructors

- ▶ MCCS Faculty

- ▶ \$42,767.66/annual
 - ▶ Hourly equivalent:
\$20.56/hr

Thank you!