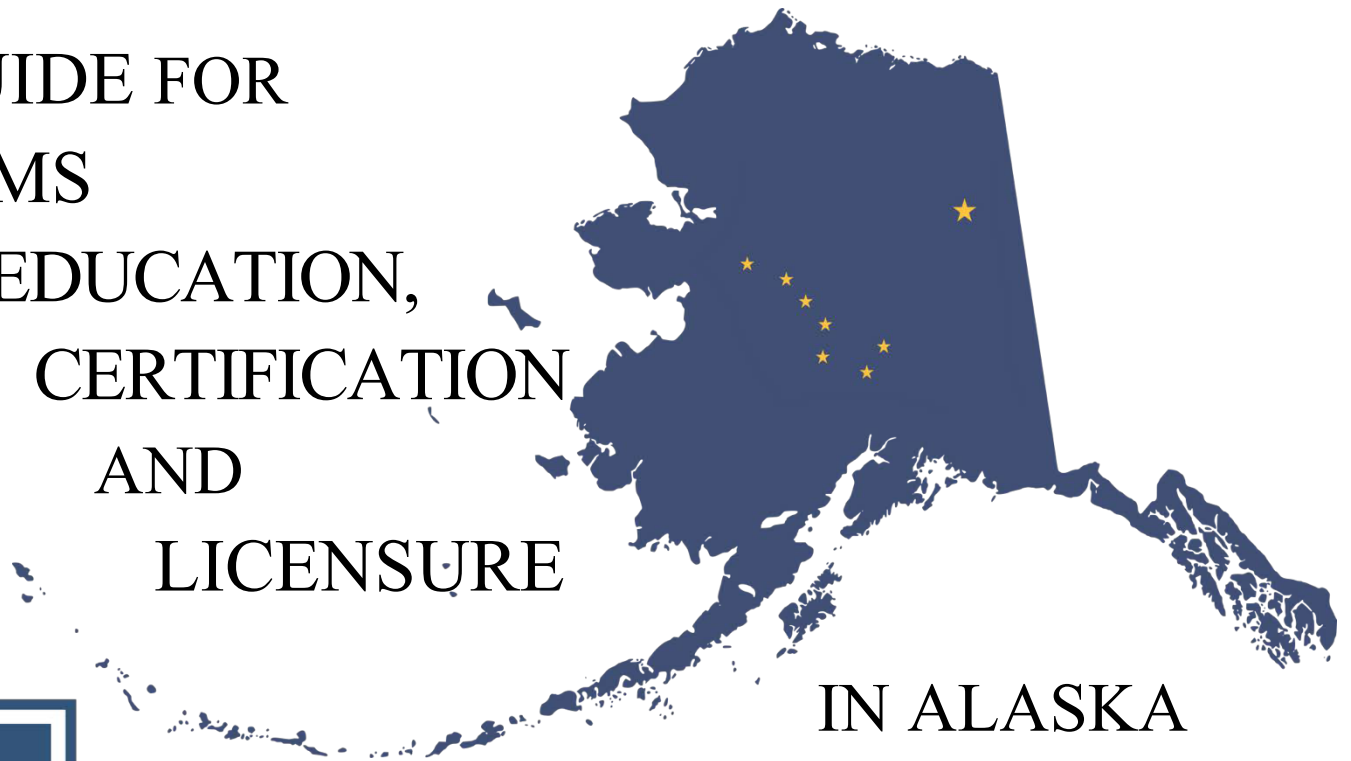
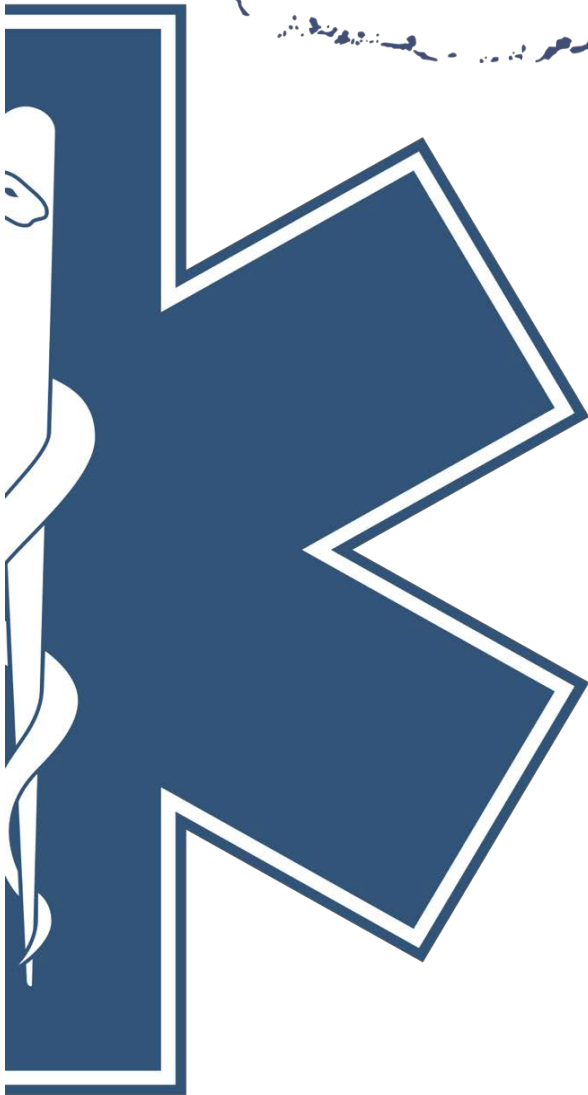


GUIDE FOR
EMS
EDUCATION,
CERTIFICATION
AND
LICENSURE



IN ALASKA



State of Alaska
Department of Health & Social Services
Division of Public Health
Office of Emergency Medical Services
2018



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Introduction

The purpose of this guide is to:

1. provide guidance about EMS Education, Certification and Licensure to the State of Alaska Emergency Medical Services (EMS) system. This is an adopted by reference document for the Department of Health and Social Services, Division of Public Health, Emergency Medical Services regulations, 7 AAC 26.010 to 7 AAC 26.999;
2. give EMTs and Instructors information about Alaska EMS educational requirements and capabilities. This basic overview of the Alaska EMS system explains what can be expected in education, training and certification processes, what an individual must do to recertify as an EMT, and what resources exist once he or she becomes certified. For more detailed information or copies of materials described in this guide, you should contact the State of Alaska Office of Emergency Medical Services or the nearest Regional EMS Council office

This guide will help EMS Instructor know their responsibilities which include, but are not limited to, submitting a course request for department-approval, and submitting supportive documents as required in their duties as the instructor or certification official.

This guide also provides certification officials the procedures necessary to officiate an exam using the National Registry of EMTs (NREMT) EMT or Advanced psychomotor examination guidebooks. Using National Registry of EMT (NREMT) testing procedures allow EMS certification candidates two cognitive examination processes to meet State of Alaska certification requirements. The EMS Certifying Officer (CO) ultimately has the responsibility for a fair and impartial examination. The guiding principle for the "CO" is to administer the examination in a consistent manner that meets the intent of these examination standards in validating the candidate's competence to administer quality patient care.

This manual is available for download at the Section's web site: State of Alaska Office of EMS

<http://dhss.alaska.gov/dph/Emergency/Pages/ems/default.aspx>

Questions, comments, or suggestions for improving the [this] manual or guidebooks can be sent to:

Alaska Department of Health & Social Services
Office of Emergency Medical Services
P.O. Box 110616
Juneau, AK 99811-0616
FAX: (907)465-4101
www.emt.cert.HSS@alaska.gov

Early History of EMS in Alaska

Public Safety Academy

Organized training of prehospital emergency care providers in Alaska formally began in 1969 with the first EMT training program taught at the Public Safety Academy in Sitka. In 1973, the Emergency Trauma Technician (ETT) course, was developed by the Department of Public Safety to provide an appropriate level of training for individuals working or living in environments where risk of injury is great, such as logging camps or fishing boats. The 44 hour curriculum has been updated frequently and the text is now accompanied by a comprehensive instructor manual. In an attempt to ensure maximum coverage of prehospital EMS responders throughout the state, different strategies were developed by the Department of Public Safety and Regional EMS Councils. One method, used by the Department of Public Safety from 1970 until 1981, was to bring ambulance service personnel to the Public Safety Academy in Sitka for training.

As time passed, increasing numbers of certified EMT instructors were trained in this manner and were based in communities throughout Alaska. During this period, the Department of Public Safety trained and certified approximately 2500 basic EMTs and 120 EMT instructors. In the mid-1970's, the newly formed Regional EMS Councils began hiring full time, itinerant instructors, who could provide on-site training in remote communities that did not have locally based instructors.

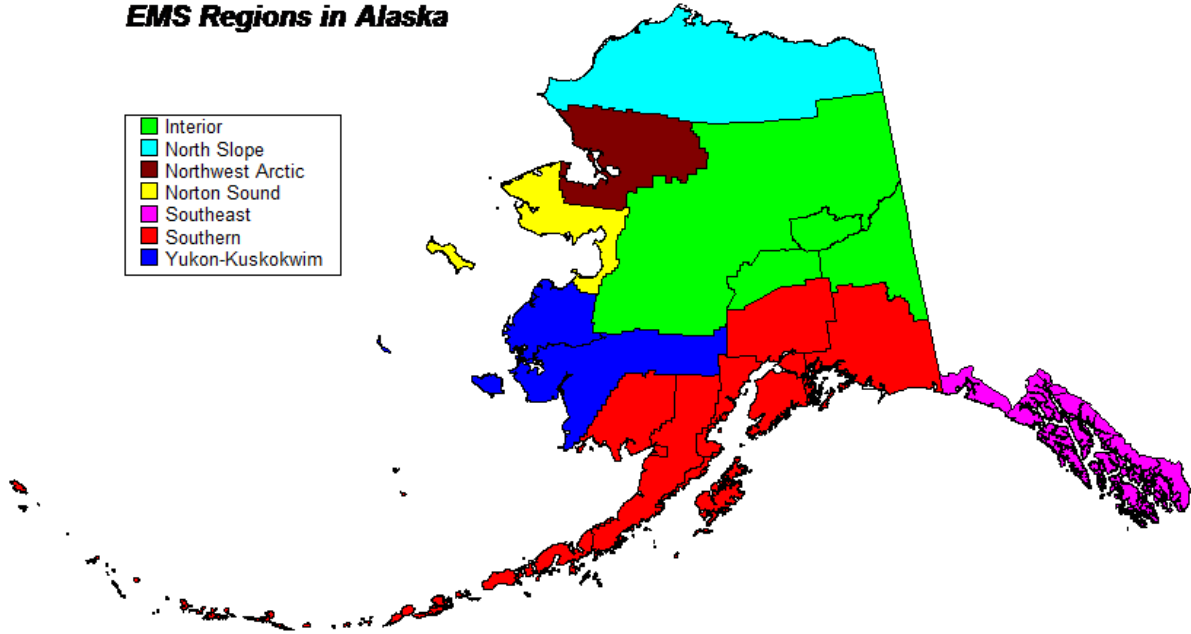
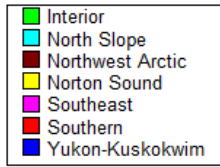
Regional EMS Councils

Regional EMS Councils are non-profit organizations largely funded by the State of Alaska which have functioned since the mid-1970's. The purpose of the seven Regional EMS Councils, funded by state grants, is to collaborate with the State EMS office, ACEMS, and other EMS system stakeholders on the development of a comprehensive emergency medical services system.

Department of Health and Social Services

In 1977, the Alaska Legislature passed Alaska Statute 18.08.010. It designated the Department of Health and Social Services (DHSS) as the department responsible for Emergency Medical Services (EMS) systems development. Alaska state statute also defines the 11 members Advisory Council on EMS appointed by the Governor under State of Alaska Boards and Commissions. The goal of the Office of EMS is to promote and support the collaborative development of a comprehensive emergency medical services system in Alaska.

EMS Regions in Alaska



Source: State of Alaska, H&SS, DPH, CHEMS Unit

Norton Sound	Norton Sound Health Corp. EMS Program 1000 Greg Kruschek Ave. P.O. Box 966 Nome, AK 99762	(907) 443-3306	(907) 443-3731
Southeast Region	Southeast Region Emergency Medical Services Council 100 Clothilde Bahovec Way Sitka, AK 99835	(907) 747-8005	(907) 747-1406
Southern Region	Southern Region EMS Council 6130 Tuttle Place, Suite B Anchorage, AK 99507-7102	(907) 562-6449	(907) 562-9893
Yukon-Kuskokwim	Yukon-Kuskokwim Health Corp. Box 528 Bethel, AK 99559	(907) 543-6420	N/A
Interior Region	Interior Region EMS Council, Inc. 2503 18th Ave. Fairbanks, AK 99709	(907) 456-3978	(907) 456-3970
North Slope	North Slope Borough EMS P.O. Box 69 Barrow, AK. 99723	(907) 852-2611	N/A
Northwest Arctic	Maniilaq Association EMS Program P.O. Box 256 Kotzebue, AK 99752	(907) 442-7595	N/A

EMS System



Alaska EMS System

There is no greater job than being an Emergency Medical Service provider in Alaska. Prehospital service to the injured and ill in the largest and most remote state in the nation is both exciting and rewarding. Alaska's safety net of volunteer and paid EMS providers are ready 24 hours a day, across extreme geography and amidst times of extreme weather. Alaska EMS providers must be always be Job Ready.

Components of an EMS System

Training and education of prehospital providers remain key components of EMS, as it provides the cornerstone of emergency care to patients.

- Public Awareness - EMS starts with an educated public who recognizes the emergency, knows who to call AND what they can do until help arrives. Trained lay rescuers can make a lifesaving difference.
- Centralized Dispatch - An emergency number (preferably 911), answered by certified, medically trained dispatchers, known as Emergency Medical Dispatchers (EMD) are the first contact with the EMS system. Emergency medical dispatchers operating under medical protocols make a lifesaving difference.
- Strategically Located and Prepared Emergency Services - Well-trained emergency medical service providers who are strategically located can respond in a timely manner. Trained first responders can be on-location to provide initial patient care until arrival of more advanced EMS providers. Seven Regional EMS Councils support training across Alaska.
- Reliable Communications – In order for the patient to receive timely and good patient care reliable communications in challenging conditions is necessary.
- Medical Care and Transport - treatment plan, medical protocols and transport systems work together, be they by ATV, snow machine, water, ground or air ambulance.
- Medical Direction - prehospital EMS providers are advised by local physicians to meet the needs of the community.
- Scope of Practices meets standards for care – various levels of basic and advanced prehospital providers have different emergency medical credentials.
- Continuing Quality Improvement – Data provides details that increases the effectiveness and efficiency of local EMS.
- Well Trained EMS Workforce – EMS providers prepare for the emergency by using quality education and training systems. Recertification is biennial.
- Well Equipped Services – Prehospital equipment provides the tools for the job. Alaska's Code Blue supports small services with needed equipment.



Job Ready

Alaska EMS Credential Levels

Alaska has seven emergency medical service certification levels, four provider and three instructor. This section provides an overview of each. Each level works within regulatory authority of Alaska state statute AS 18.08. EMS regulations covers 7 ACC 26.010 to 7 ACC 26.999.

Although the EMT and EMS instructor certifications follow regulations, EMS and healthcare in general is dynamic. Therefore, the value of this adopted by reference document is the ability to amend it from time to time and it must be reviewed annually within regulatory process.



EMD (Emergency Medical Dispatcher) 7 AAC 26.830

The concept of Emergency Medical Dispatch (EMD) has been evolving since the late 1970's. The evolution of professional Emergency Medical Services (EMS) began in the early 1970's with the primary focus on Emergency Medical Technician (EMT) training. As training and advancement in the professional aspects of EMD delivered instructions gained momentum nationally, many in the EMS industry recognized the role of the dispatcher as the public's first contact with an EMS system professional. Emergency Medical Dispatch focuses on the level of care required for a patient; the urgency for the care to be given; and the specified medical criteria for determining the appropriate response. Research has documented the lifesaving benefits of dispatch medical direction, especially for providing direct CPR instructions to the calling party until emergency crews arrive. Prerequisite: none



ETT (Emergency Trauma Technician) 7 AAC 26.430

The Emergency Trauma Technician is an emergency medical credential training program. The ETT course is 40 or more hours in length and is a quintessential course for rescuers across Alaska. The course has evolved considerably since it was first developed in Southeast Alaska for use in logging camps. Courses are taught by State of Alaska certified instructors and occur throughout the state. The ETT course can be modified to meet the particular needs of the students or community. It is a common course taught to high school students, Community Health Aide Providers and corporate industry. Although this course is not technically a State of Alaska "certification" as with emergency medical technicians, it does fulfill a need to rural and super-rural areas who do not have a full EMS system. ETTs are first responders who receive civil liability immunity as set out in AS 09.65.090. Prerequisite: none



EMT-1 (Emergency Medical Technician-1) 7 AAC 26.030(a)

The Emergency Medical Technician 1 (EMT-1) level consists of a training program that is at least 140-160 hours in length and qualifies an individual to take the exam for National Registry of EMTs certification if desired. This level encompasses the majority of Alaska's certified EMS responders. An EMT-1 provides basic life support such as basic airway management, splinting, hemorrhage control, oxygen therapy, suction, CPR and some lifesaving medications. Clearly, most treatment procedures performed in any EMS System, regardless of level, are basic life support procedures. Mastery of EMT-1 level knowledge and techniques must occur before moving to an EMT-2 or AEMT level of certification. A valid CPR credential is a prerequisite if not taught in the class. Scope of practice is currently evolving allowing EMTs to provide increased lifesaving skills. Out of state applicants who hold current National Registry EMT certification and show evidence of completing additional training as outlined in the Alaska Scope of Practice are eligible for reciprocity to the EMT-1 level. Prerequisite: none



EMT-2 (Emergency Medical Technician-2) 7 AAC 26.030(b)

The State of Alaska Emergency Medical Technician 2 (EMT-2) level consists of a training program that is at least 50 hours in length. An EMT-1 must meet prerequisites of patient care experience to enroll in an approved EMT-2 training program. EMT-2 class prepares the student to initiate intravenous lines, administer fluids and certain medications. An EMT-2 must be under the sponsorship of a department approved EMS services physician medical director to provide any EMT-2 level patient care. This level is not recognized outside the state of Alaska.

Prerequisite: Patient contact experience



EMT-3 (Emergency Medical Technician-3) 7 AAC 26.030(c)

The State of Alaska Emergency Medical Technician 3 (EMT-3) level consists of a training program that is at least 50 hours in length. An EMT-2 must meet prerequisites of advanced level patient care experience to enroll in an approved EMT-3 training program. EMT-3 class prepares the student to provide limited advanced cardiac life support and additional medications. An EMT-3 must be under the sponsorship of a department approved EMS services physician medical director to provide any EMT-3 level patient care. This level is not recognized outside the state of Alaska.

Prerequisite: Advanced life support patient care and treatment experience, i.e. venipunctures and medication administrations



AEMT (Advanced Emergency Medical Technician) 7 AAC 26.030(d)

The State of Alaska AEMT level consists of a training program that is approximately 160-200 hours in length. An EMT-1, EMT-2, or EMT-3 may enroll in an AEMT course and meet prerequisites of patient care experience to enroll in an approved AEMT training program. The AEMT class prepares the student to provide limited advanced life support emergency medical care and additional medications. AEMT candidates must pass the NREMT AEMT exam which provides the successful AEMT candidate NREMT certification. An AEMT must be under the sponsorship of a department approved EMS Services physician medical director. Out of state applicants who hold current National Registry AEMT certification and show evidence of completing additional training as outlined in the Alaska Scope of Practice are eligible for reciprocity to the Alaska AEMT level. State of Alaska Advanced EMT was included in the list of EMS levels in 2018. This level is recognized at the national level by many states.

Prerequisite: Patient care and treatment experience as an EMT-1.



Instructors

Alaska's EMS instructors serve a vital role in the Alaska EMS system. Their key responsibility is to educate, train and ready competent individuals for certification. The quality of patient care at all EMS certification levels is directly related to the quality of emergency medical care education a provider receives and the field experience they obtained.

Prerequisite: Three (3) years of experience as an EMS or healthcare provider

[Emergency Medical Dispatcher \(EMD\) Instructor 7 AAC 26.810 ,](#)

An EMD instructor is credentialed by a national or state recognized EMD training organization and approved by the department to teach subjects related to EMD activities. The EMD course is a minimum of 24 hours in length. Emergency Medical Dispatchers are required to hold a CPR provider card which also benefits them in understanding the instructions they give the calling party. Licensure for EMD is valid for two years, EMDs operate within medical protocols under a state approved medical director's permission.

[Emergency Trauma Technician \(ETT\) Instructor 7 AAC 26.440,](#)

An ETT course is a product of the Southeast Region EMS Council, Inc. (SEREMS). The instructor course is overseen by State of Alaska Office of EMS. The Emergency Trauma Technician training program is 40 or more hours in length and teaches the basics of emergency medical and trauma care. The provider credential is awarded by Southeast Region EMS Council. An experienced ETT provider with over a year of experience may enroll in the ETT instructor course. The instructor's certification is awarded by the State of Alaska Office of EMS.

[EMS Instructor 7 AAC 26.030\(e\), 7 AAC 26.050\(a\)\(3\), 7 AAC 26.110\(d\)](#)

The EMS instructor in Alaska has a direct contribution to the quality of patient care delivered. An EMS provider with three years of experience may enroll in an EMS Instructor course. They are allowed to teach at the level of their provider certification, except for EMT-2 and EMT-3 providers, those levels must be taught by a currently certified paramedic. EMS Instructors with three years of experience may seek to become a certifying officer and/or an EMS Instructor Coordinator.

[EMS Instructor Coordinator 7 AAC 26.030\(f\), 7 AAC 26.110\(e\)](#)

An EMS Instructor Coordinator provides a level above an EMT Instructor in that they can instruct individuals who seek certification as an EMS Instructor. Otherwise, an EMS Instructor Coordinator may teach at the level of their provider certification. An EMS Instructor Coordinator must teach a complete an EMT or EMT Instructor course to remain certified.

[Medevac Escort Technician Course \(Provider and Instructor\) 7 AAC 26.390\(a\), 7 AAC 26.999 \(16\)](#)

Medevac Escort Technician is a credential on an EMS provider's certification that affirms they have completed 16 to 24 hours of education and training as outlined in the intent of 7 AAC 26.999. current evidence-based medicine and best practices for patient care during an air ambulance flight must be used. The Medevac Escort Technician credential carries the weight of a certification with approval by the instructor that the student has successfully met the learning objectives of the course. The Medevac Escort Technician should maintain continuing medical education but is not required to recertify this credential.

[MICP](#)

Mobile Intensive Care Paramedics (MICP) are licensed by the Alaska Department of Commerce and Economic Development through the Alaska State Medical Board. MICP's provide care under the direct or indirect supervision (standing orders) of a physician. Generally, paramedics are found most often in populous areas of Alaska, however, the community establishes the EMS responder levels of prehospital emergency medical care, from ETT first responders in super-rural areas to MICP.

Overview of Certification Criteria

EMS Level	Prerequisite	Approximate Course Hours	Course Objectives	Accepted by NREMT as Qualification to Test.	Alaska EMS Certification
ETT (or ^other)	None	40-50 hours	ETT Course	None	SEREMS ETT Credential
EMT-1 Bridge Course	ETT, EMR, other: i.e. ^ Wilderness First Responder	80-120 hours	EMT-1 Bridge course @ 80-120 hours (follows Nat'l EMS Standards)	Yes	EMT-1
Emergency Medical Dispatch (EMD)	Telecommunicator (9-1-1, Public, Private)	24 hours minimum	Approved EMD Course	N/A	Emergency Medical Dispatcher
EMR (NREMT only)	None	60-80 hours	EMR - required NREMT	Yes	ETT reciprocity
EMT-1	None	140-160 hours	Nat'l EMS Standards (NES)	Yes	EMT-1
EMT-2	Patient contact experience	50-80 hours	AK 2002 EMT-2 Objectives	No	EMT-2
EMT-3 *requires advanced cardiac life	Advanced patient care experience,	50-80 hours	AK 2002 EMT-3 Objectives	No	EMT-3
AEMT *requires advanced cardiac life	NREMT or EMT-1	160-200 hours	AEMT course	Yes	Alaska AEMT

EMS Instructor & EMS Instructor Coordinator

Certification	Prerequisite	Standards or Objectives	Level can instruct	Accepted by NREMT	Alaska EMS Certification
EMD Instructor	Per Certification body	EMD Objectives min. 24 hours	Emergency Medical Dispatch provider	N/A	Yes
EMS Instructor [EMT-2 and EMT-3 must be taught by Paramedic only]	3 years EMS experience, with AK EMS Instructor Course	Alaska EMS Instructor	Level of provider cert. (EMT-1, EMT-2, EMT-3, AEMT) [EMT-2/3 by Paramedic Only]	Yes,	Yes
EMS Instructor Coordinator [EMT-2 and EMT-3 must be taught by Paramedic only]	3 years as an AK EMS Instructor	TBD	Level of provider cert. (EMT-1, EMT-2, EMT-3, AEMT) [EMT-2/3 by Paramedic Only]	Yes,	Yes
MICP Course Coordinator	Current MICP or NRP	N/A	As required by certification authority	Yes	Yes
Alaska Certifying Officer [at the level of provider certification]	3 years EMS Instructor or Instructor Coordinator	Must take CO Training and Region EMS training	N/A	Yes, as approved by State of Alaska EMS for EMT-1 and NREMT	Yes
NREMT Advanced Exam Representative (Certification Official)	NREMT Advanced EMT or NRP	Must complete NREMT Rep Training	N/A	Yes, when NREMT criteria are met and kept current	Only if an MICP & AK EMS Instructor Coordinator

**State of Alaska regulations have used Roman numeral to identify the EMT levels. This document and future regulations will use Arabic numeral signifiers.*

Becoming a Certified EMS Provider

Overview of the Education and Certification Process

The EMT Training Program

The EMT training program is based on an approved curriculum and is taught by an instructor who is certified by the Department of Health and Social Services. The instructor is responsible for imparting sufficient knowledge and skills to the student appropriate for the EMS provider level and scope of practice being taught, 7 AAC 26.040.

An EMT student's responsibility is to prepare diligently to take care of sick and injured patients. This means not only attaining sufficient knowledge and skills to be confident, competent and pass the examinations for certification, but learning how to relate to, and care for, a wide range of ill and injured patients. Students should receive sufficient practice time, under the supervision of a more experienced EMT, to feel relatively comfortable taking care of real patients. Instructors must explain, and students must understand, the requirements for successful course completion, and how best to prepare for the cognitive and psychomotor skills examinations for certification.

The psychomotor skills examination is based off the National Registry of EMTs skill sheets and the cognitive examination may be the State cognitive or the National Registry of EMT exam taken through Pearson Vue. The testing candidate must successfully complete the course to be eligible to take the examinations for certification. Students must not have a criminal background that bars them from certification. Any questions should be directed to State of Alaska Office of EMS.

The Certification Process

The certification process is governed by the certification regulations. 7 AAC 26.030 – 7 AAC 26.060. These regulations provide great detail concerning qualifications for certification, training programs, scope of activities, suspension, revocation or refusal to issue certificate, and recertification.

The certification process is administered by the State Office of EMS with the assistance of each of the Regional EMS Councils. The certification process is designed to ensure competence of an Emergency Medical Technician. The certification system includes training, testing, and assurances that the applicant meets certain other qualifications, such as minimum age. Certifying Officers provided by the regional or State office will coordinate the administration of the examinations for certification. The function of the certifying officer is to assure the examinations are administered fairly, without bias and in accordance with state policies and procedures for testing.

Examinations for Certification

The cognitive examination is administered by the State of Alaska. At the candidate's discretion, the candidate may take the National Registry of EMTs (NREMT) certification cognitive examination which is accepted by the department for EMT-1. The AEMT certification examination is only offered by NREMT. The State of Alaska Office of EMS uses the psychomotor examination of the NREMT. This provides many advantages, including the ability to apply the test results to certification with both the National Registry and the State of Alaska. The State of Alaska EMT certification may not meet reciprocity in other states as might the NREMT certification.

Retesting and Remedial Training Overview

Upon failure of a second psychomotor exam, the candidate is encouraged to prepare themselves before making a third retest attempt. Failure of a third retest requires subsequent remediation prior to attempting any further retests. A certification official will provide the candidate documentation of eligibility to retest a third time before remedial training is required. Remedial training has no required hours or required content. The certification official is only allowed to provide the candidate what psychomotor exam station they failed and not the individual elements of the score sheet. It is the obligation of the candidate to seek remedial training; often their course instructor can provide them guidance such as taking a refresher course. The psychomotor examination must be passed within 12 months of conclusion of the course when taking the State exam or per NREMT guidelines when the candidate has chosen to follow the NREMT pathway to certification.

Examination for Certification as an Alaska EMS Provider

The information contained herein is intended to support quality EMS certification examination processes that meet licensure requirements by the State of Alaska Office of EMS. The State of Alaska allows dual pathways for cognitive certification testing, that being the State of Alaska examination or National Registry of EMTs examination to meet licensure by the State of Alaska. For purposes of standardization and limits of liability the State of Alaska will utilize current National Registry of EMT processes and procedures for official psychomotor examination processes using the EMT and Advanced examination guidebooks (as applicable).

Administration of Examinations 7 AAC 26.060

Upon completion of an EMS provider course the process for certification includes the following certification examinations. The State of Alaska allows a dual certification pathway, state or national registry.

Cognitive Examination

- State of Alaska cognitive examination is administered by the regional EMS council or a designee of the State of Alaska Office of EMS. Instructors must arrange for the cognitive exam with the regional council. Each region is responsible for the logistics of the examination as outlined in the respective EMT or Advanced examination guidebooks (as applicable);
- National Registry of EMTs via Pearson Vue. Candidates must make the arrangement with NREMT for the cognitive exam. The NREMT requires the State Office of EMS to acknowledge the candidate's successful completion of the training course and the psychomotor skills examination before the candidate is allowed to take the NREMT cognitive examination.

Psychomotor Skills Examination

- State of Alaska approved psychomotor skills testing sheets are adopted from NREMT. The certifying officer for an EMT-1, EMT-2, EMT-3 psychomotor examination is coordinated by the Regional EMS Council or a designee of the State of Alaska. The course instructor must:
 - contact the regional EMS council early, at the beginning of their course, to make the arrangements for the date(s) they requested on the course application;
 - arrange for skill examination assets such as equipment, mock patients, moulage, approved skill examiners and location;
 - be at the testing location to assist the certification officer as needed.
- The National Registry of EMTs conducts the psychomotor skills examination for Advanced EMT certification level. The AEMT course instructor must:
 - contact the NREMT or designee early, at the beginning of the course to arrange for testing materials. They must also arrange for an approved NREMT Advanced Skill Examination Representative.

Current Alaska Psychomotor Examinations Stations

EMT-1	EMT-2	EMT-3
BVM Ventilation of an Apneic Patient	Advanced Airway	Advanced Airway
Trauma Assessment	Trauma Assessment	Trauma Assessment
Medical Assessment	IV/ IV medication administration	IV/ IV medication administration
Spinal Immobilization	Spinal Immobilization	Spinal Immobilization
Random Basic Skill (one) <ul style="list-style-type: none"> • Bleeding control & shock Mgmt • Long bone Immobilization • Oxygen administration • Joint Immobilization 	Random Basic Skill (one) <ul style="list-style-type: none"> • Bleeding control & shock Mgmt • Long bone Immobilization • Oxygen administration • Joint Immobilization 	Random Basic Skill (one) <ul style="list-style-type: none"> • Bleeding control & shock Mgmt • Long bone Immobilization • Oxygen administration • Joint Immobilization
Cardiac Arrest Management/ AED	Cardiac Arrest Management / AED	Cardiac Arrest Treatment

Current National Registry of EMTs Psychomotor Examinations Stations

EMT - (NREMT psychomotor skill sheets)	AEMT - (NREMT psychomotor skill sheets)
Patient Assessment / Management - Trauma	Supraglottic Airway Device
Patient Assessment / Management - Medical	Pediatric Respiratory Compromise
BVM Ventilation of an Apneic Adult Patient	Patient Assessment - Trauma
Oxygen Administration by Non-Rebreather Mask	Patient Assessment - Medical
Cardiac Arrest Management / AED	Cardiac Arrest Management/AED
Spinal Immobilization (Supine Patient)	Intravenous Therapy- Bolus
Random Basic Skill (one only)	Pediatric Intraosseous Infusion
<ul style="list-style-type: none"> • Spinal Immobilization (Seated Patient) 	Spinal Immobilization - Supine
<ul style="list-style-type: none"> • Bleeding Control / Shock Management 	Random EMT Skills (one only)
<ul style="list-style-type: none"> • Joint Immobilization 	<ul style="list-style-type: none"> • Spinal Immobilization (Seated Patient)
<ul style="list-style-type: none"> • Long Bone Immobilization 	<ul style="list-style-type: none"> • Long Bone Immobilization
	<ul style="list-style-type: none"> • Joint Immobilization
	<ul style="list-style-type: none"> • Bleeding Control / Shock Management

Reciprocity Certification – Out of State EMT Applicants 7 AAC 26.150

EMTs outside of Alaska may apply online for reciprocity via State of Alaska License Management System. The Office of EMS will issue a certificate for the level of EMT-1 or AEMT with evidence of equivalent certification from another state, territory or NREMT and evidence of evidence of completing additional training as outlined in the Alaska Scope of Practice.

EMT Reciprocity Requirements Checklist

- Complete an online Reciprocity application for certification.
- Copy of a valid state, territory, or National Registry certification. Certification should be at least 6 months or more from expiration from the date of application submission.
- Copy of a valid CPR credential. A list of approved credentials can be found [here](#).
- Payment of a non-refundable \$25.00 fee.
- Evidence of completion of additional training as outlined in the Alaska Scope of Practice.
- If applying for an AEMT certification, evidence that they are under the sponsorship of a physician medical director who agrees to fulfill the responsibilities of a physician medical director outlined in the EMS regulations as defined in 7 AAC 26.040.

A person must be currently certified in another state or territory or the National Registry of EMTs or have had taken the class in Alaska at the time of application. Individuals who are not currently certified are ineligible for certification in Alaska based on the regulations.

EMS Responders providing Mutual Aid

When providing mutual aid, and when treating and transporting a patient to or within this state, a person who is licensed or certified in another state, territory, or nation, as an EMT, mobile intensive care paramedic or some other designation as an emergency medical responder, may provide care consistent with the scope of practice in the state, territory or nation of origin, so long as medical direction is provided by a physician for advanced life support procedures, and the care is not precluded by the laws of the state, territory, or nation of origin. The department will, in its discretion, issue an EMT-1, EMT-2, or EMT-3 certificate to a person living in another state, territory, or nation, if the person will provide care in this state under a mutual aid agreement with an emergency medical service certified under AS 18.08 and this chapter.

Finding an EMS Course

<https://emsdata.chems.alaska.gov/licensure/public/alaska/portal - /login>

Search for [Alaska EMS Certification Management System Public Portal](#)

Select the Public Portal TRAINING link

Search for the desired EMS course

- Select desired EMS course
- Contact course Instructor to register for the course

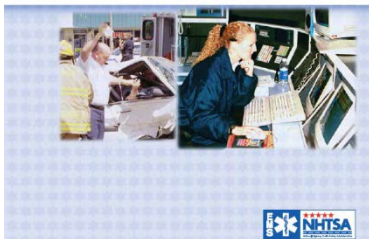
Course Name	Course Number	Region	Start Date
▶ EMT-1 Initial Course (EMT1)	1806EMT1125897	Southern	07/30/2018
▶ EMT-1 Initial Course (EMT1)	1805EMT1125860	Interior	08/27/2018
▶ EMT-1 Initial Course (EMT1)	1805EMT1125871	Southern	05/25/2018
▶ EMT-1 Initial Course (EMT1)	1805EMT1125872	Southern	08/20/2018
▶ EMT-1 Refresher Course (EMT1R)	1712EMT1R25653	Yukon Kuskokwim	08/27/2018
▶ EMT-1 Refresher Course (EMT1R)	1712EMT1R25655	Yukon Kuskokwim	10/29/2018
▶ EMT-1 Refresher Course (EMT1R)	1711EMT1R25585	Southern	10/01/2018
▶ EMT-1 Refresher Course (EMT1R)	1711EMT1R25587	Southern	11/05/2018
▶ EMT-2 Initial Course (EMT2)	1709EMT2125499	Southern	10/29/2018
▶ EMT-2 Initial Course (EMT2)	1807EMT2125909	Southern	08/20/2018
▶ EMT-2 Initial Course (EMT2)	1806EMT2125886	Southern	09/17/2018 8:00 AM
▶ EMT-2 Initial Course (EMT2)	1808EMT2125926	Interior	08/27/2018 6:00 PM
▶ EMT-2 Initial Course (EMT2)	1807EMT2125916	Southern	09/01/2018
▶ EMT-3 Initial Course (EMT3)	1807EMT3125900	Interior	09/24/2018
▶ EMT-3 Initial Course (EMT3)	1709EMT3125500	Southern	12/03/2018 8:00 AM

Alaska Emergency Medical Services & National EMS Standards

In 1996, the *National Highway Traffic Safety Administration* (NHTSA) and the Health Resources and Services Administration (HRSA) published the highly regarded consensus document titled the *EMS Agenda for the Future*, commonly referred to as the Agenda. This was a federally funded position paper completed by the *National Association of EMS Physicians* (NAEMSP) in conjunction with the *National Association of State EMS Directors* (NASEMSD). The intent of the Agenda was to create a common vision for the future of EMS. The document was designed for use by government and private organizations at the national, state, and local levels to help guide planning, decision making, and policy regarding EMS. The Agenda addressed 14 attributes of EMS, including the EMS education system.



NATIONAL EMERGENCY MEDICAL SERVICES
EDUCATION STANDARDS

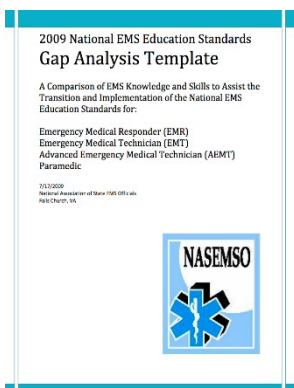


<https://www.ems.gov/pdf/National-EMS-Education-Standards-FINAL-Jan-2009.pdf>

"The National Standards define the competencies, clinical behaviors, and judgments that must be met by entry-level EMS personnel to meet practice guidelines defined in the *National EMS Scope of Practice Model*." (NHTSA, 2009, 2018)

While education is an essential component of EMS practice and practitioner credentialing, successful completion of an instructional program based on the National EMS Education Standards (NES) does not mean an EMS practitioner is ready or authorized to perform EMS procedures in an EMS system. States maintain the legal authority to establish a local EMS scope of practice and to implement the NES in a way that best meets the needs of the state. Each state establishes the legal authority for an EMS practitioner to function by establishing education, certification and licensure processes, and to include direction for medical oversight and credentialing:

- *Education* the National EMS Education Standards promotes increased flexibility, encourages creativity within each EMS education program and encourages alternative delivery methods. States and/or educational programs may determine the sequence for teaching the materials.
- *Certification* is an external verification of the competencies by an independent (3rd party) that an individual has achieved an assessment or testing. While certification exams can be set to any level of proficiency, in health care they are typically designed to verify that an individual has achieved minimum competence to assure safe and effective patient care.
- *Licensure* Licensing differs from certification in that certification is an affirmation of competence while licensing is the authorization to perform the regulated health care activity. Traditionally, state of Alaska EMS system has referred to licensure, or licensing as certification.



National EMS Education Standard Gap Analysis

The purpose of the gap analysis is to identify skills, content, and new course considerations not included in the previous National Standard Curricula for each EMS practitioner level. This Gap Analysis Template is not a stand-alone transition document; the template should serve as another tool to facilitate implementation of the EMS Education Agenda.

<http://nasemso.org/EMSEducationImplementationPlanning/documents/2009NASEMSOGapAnalysisTemplate.pdf>

Core Content Areas in EMT Course Learning and Practical Skills Objectives

https://www.ems.gov/pdf/education/EMS-Education-for-the-Future-A-Systems-Approach/National_EMS_Core_Content.pdf

PREPARATORY AND OPERATIONS	TRAUMA	
1. EMS Systems	23. Trauma Systems	33.8 Spontaneous pneumothorax
2. Roles & Responsibilities of the EMS Providers	24. Mechanism of Injury	33.9 Hyperventilation syndrome
3. The Well-Being of the EMS Provider	25. Hemorrhage and Shock	34. Cardiology
4. Illness and Injury Prevention	26. Soft Tissue Trauma	35. Neurology
5. Medical / Legal Issues / Ethics	26. Burns	36. Endocrinology
6. Anatomy & Physiology	27. Head and Facial Trauma	37. Allergies and Anaphylaxis
7. General Principles of Pathophysiology	29 Spinal Trauma	38. Gastroenterology
8. Pharmacology	30 Thoracic Trauma	39. Renal/Urology
9. Venous Access & Medication Administration	31 Abdominal Trauma	40. Toxicology
10. Therapeutic Communications	32 Musculoskeletal Trauma	41. Hematology
11. Life Span Development	MEDICAL	42. Environmental Conditions
12. Ambulance Operations	33 Pulmonary	43. Infectious and Communicable Diseases
13. Medical Incident Command	33.1 Acute/ ARDS	44. Behavioral and Psychiatric Disorders
14. Rescue Awareness and Operations	33.2 Obstructive airway diseases	45. Gynecology
15. Hazardous Materials Incidents	33.2.1 Asthma	46. Obstetrics
16. Crime Scene Awareness	33.2.2 Chronic bronchitis	47. Neonatology
17. Communications	33.2.3 Emphysema	48. Pediatrics
18. Documentation	33.3 Pneumonia	49. Geriatrics
19. Airway Management and Ventilation	33.4 Pulmonary edema	50. Abuse and Assault
20. History Taking	33.5 Pulmonary thromboembolism	51. Patients with Special Challenges
21. Techniques of Physical Examination	33.6 Neoplasms of the lung	52. Acute Interventions Chronic Care Patient
22. Patient Assessment	33.7 Upper respiratory infection	53. Cardiology
		54. Neurology

NHTSA Core Content, 2009

State of Alaska Psychomotor Examinations Stations

EMT-1	EMT-2	EMT-3
BVM Ventilation of an Apneic Patient	Advanced Airway	Advanced Airway
Trauma Assessment	Trauma Assessment	Trauma Assessment
Medical Assessment	IV/ IV medication administration	IV/ IV medication administration
Spinal Immobilization	Spinal Immobilization	Spinal Immobilization
Random Basic Skill (one) <ul style="list-style-type: none"> Bleeding control & shock Mgmt Long bone Immobilization Oxygen administration Joint Immobilization 	Random Basic Skill (one) <ul style="list-style-type: none"> Bleeding control & shock Mgmt Long bone Immobilization Oxygen administration Joint Immobilization 	Random Basic Skill (one) <ul style="list-style-type: none"> Bleeding control & shock Mgmt Long bone Immobilization Oxygen administration Joint Immobilization
Cardiac Arrest Management/ AED	Cardiac Arrest Management / AED	Cardiac Arrest Treatment

National Registry of EMTs Psychomotor Examinations Stations

EMT - (NREMT psychomotor skill sheets)	AEMT - (NREMT psychomotor skill sheets)
Patient Assessment / Management - Trauma	Supraglottic Airway Device
Patient Assessment / Management - Medical	Pediatric Respiratory Compromise
BVM Ventilation of an Apneic Adult Patient	Patient Assessment - Trauma
Oxygen Administration by Non-Rebreather Mask	Patient Assessment - Medical
Cardiac Arrest Management / AED	Cardiac Arrest Management/AED
Spinal Immobilization (Supine Patient)	Intravenous Therapy- Bolus
Random Basic Skill (one only)	Pediatric Intraosseous Infusion
<ul style="list-style-type: none"> Spinal Immobilization (Seated Patient) Bleeding Control / Shock Management Joint Immobilization Long Bone Immobilization 	Random EMT Skills (one only)
	<ul style="list-style-type: none"> Spinal Immobilization (Seated Patient) Long Bone Immobilization Joint Immobilization Bleeding Control / Shock Management

EMT Provider Certification Standards

	EMT-1 7 AAC 26.030(a)	EMT-2 7 AAC 26.030(b)	EMT-3 7 AAC 26.030(c)	AEMT 7 AAC 26.030(d)
Prerequisite	None for entry	10 patient contacts	10 IVs, airway management, or medication administrations	10 patient contacts
Initial Certification Steps Application Fee \$25.00 7 AAC 080(a)	<ul style="list-style-type: none"> Successfully complete an EMT-1 course Successful passing of State approved psychomotor exam Successful passing of State approved cognitive exam or NREMT cognitive exam Establishes an EMS account, completes an online licensure application: passes background check, valid healthcare provider CPR card, pays \$25.00 application fee 	<ul style="list-style-type: none"> Successfully complete an EMT-2 course Successful passing of State approved psychomotor exam Successful passing of State approved cognitive exam Establishes an EMS account, completes an online licensure application: passes background check, valid healthcare provider CPR card, pays \$25.00 application fee 	<ul style="list-style-type: none"> Successfully complete an EMT-3 course Successful passing of State approved psychomotor exam Establishes an EMS account, completes an online licensure application: passes background check, valid healthcare provider CPR card, pays \$25.00 application fee 	<ul style="list-style-type: none"> Successfully complete an AEMT course Successful passing of State approved psychomotor exam Successful completion of the NREMT cognitive exam Establishes an EMS account, completes an online licensure application: passes background check, valid healthcare provider CPR card, pays \$25.00 application fee
Recertification Steps Application Fee \$25.00 7 AAC 080(b)	<ul style="list-style-type: none"> Completes an online application Submit current NREMT certification or completes 48 hours across EMS content; 2 hours pediatric specific and EMT-1 CME Current Healthcare CPR Provider card EMT-1 skills checked by AK EMS Instructor healthcare provider CPR card, and pays \$25.00 application fee 	<ul style="list-style-type: none"> Completes an online application Submit current NREMT certification or completes 48 hours across EMS content; 2 hours pediatric specific and EMT CME Current Healthcare CPR Provider card EMT-2 skills checked by AK EMS Instructor healthcare provider CPR card, and pays \$25.00 application fee 	<ul style="list-style-type: none"> Completes an online application Submit current NREMT certification or completes 48 hours across EMS content; 2 hours pediatric specific and EMT CME Healthcare CPR Provider card EMT-3 skills checked by AK EMS Instructor healthcare provider CPR card, and pays \$25.00 application fee 	<ul style="list-style-type: none"> Completes an online application National Registry of EMTs recertification criteria such as in National Continued Competency Program Additional CME required by the Alaska Office of EMS Current Healthcare CPR Provider card, and pays \$25.00 application fee
Skills verification for Recertification	<ul style="list-style-type: none"> Assessment of Blood Pressure, Pulse, Respiration, and Skin Physical Assessment - Medical (Includes treatment at highest level of certification) Physical Assessment - Trauma (Includes treatment at highest level of certification) External Bleeding Control Basic Shock Treatment Spinal motion restriction - Supine Patient or Spinal motion restriction - Seated Patient Traction Splinting Administration of Supplemental Oxygen Oral Suctioning Bag-Valve-Mask (Two Rescuer) Oropharyngeal Airway Insertion – Adult Oropharyngeal Airway Insertion – Child 	<ul style="list-style-type: none"> Assessment of Blood Pressure, Pulse, Respiration and Skin Physical Assessment - Medical (Includes treatment at highest level of certification) Physical Assessment - Trauma (Includes treatment at highest level of certification) External Bleeding Control Basic Shock Treatment Spinal motion restriction - Supine Patient or Spinal motion restriction - Seated Patient Traction Splinting Administration of Supplemental Oxygen Oral Suctioning Bag-Valve-Mask (Two Rescuer) Oropharyngeal Airway Insertion – Adult Oropharyngeal Airway Insertion – Child Endotracheal Intubation or Single or Multilumen Airway or LMA (circle the skill observed) IV Access Administration of IV Medications 	<ul style="list-style-type: none"> Assessment of Blood Pressure, Pulse, Respiration and Skin Physical Assessment - Medical (Includes treatment at highest level of certification) Physical Assessment - Trauma (Includes treatment at highest level of certification) External Bleeding Control Basic Shock Treatment Spinal motion restriction - Supine Patient or Spinal motion restriction - Seated Patient Traction Splinting Administration of Supplemental Oxygen Oral Suctioning Bag-Valve-Mask (Two Rescuer) Oropharyngeal Airway Insertion – Adult Oropharyngeal Airway Insertion – Child Endotracheal Intubation or Single or Multilumen Airway or LMA (circle the skill observed) IV Access Lethal Arrhythmia Treatment Cardiac Arrest Treatment 	<ul style="list-style-type: none"> As required by the National Registry of EMTs recertification criteria such as in National Continued Competency Program Additional requirements by the Alaska Office of EMS

Recertification

Steps for Recertification 7 AAC 26.110

- a. To be recertified, an EMT-1, EMT-2, EMT-3 or AEMT, a person must
 1. Complete the online application for recertification via the person’s EMS account (Public Portal);
 2. Evidence of a valid CPR credential;
 3. provide either
 - A. current certification from the National Registry of EMTs for a department-approved corresponding level; or
 - B. successful completion of:
 - (i) department-approved continuing medical education, as set out in the department's Guide for EMS Education, Certification and Licensure in Alaska as amended time to time, and adopted by reference in 7 AAC 26.030(e)(3)(B), within the two years before the date of application for recertification; and
 - (ii) skills verification from a department-approved instructor that the person has successfully demonstrated competence in skill areas set out in the department's skill sheets for the EMT level for which recertification is sought.

- b. An EMT-2 or EMT-3 or AEMT applying for recertification must also provide documentation of sponsorship from a medical director who accepts the responsibilities set out in 7 AAC 26.640 and is in an Inactive Status for the level of certification until the requirement of this section is met. An EMT-2, EMT-3 or AEMT in an Inactive Status will function at an EMT-1 scope of practice as set out in 7 AAC 26.040(a)(2).

60 Days Extension of Certification 7 AAC 26.080(d)

An EMT-1, EMT-2, EMT-3, AEMT, ETT Instructor, EMS Instructor, EMT Instructor Coordinator may extend their certification an additional 60 days when they

- apply online via an individual’s EMS account;
- submit the application before the expiration of certification;
- pay a \$25.00 extension fee

The department will waive the late fee if the department determines that extenuating circumstances exist.

Recertification Requirements After Certification Expiration 7 AAC 26.110(f)

An EMS provider who passes the date of recertification must follow the criteria below. As per 7 AAC 26.110(i), if the department determines that the curriculum originally used to train an applicant for recertification whose certificate has been lapsed for more than two years has changed substantially the department may require the applicant to repeat the initial EMT-1, EMT-2, EMT-3, AEMT, EMS Instructor or EMS Instructor Coordinator. The following is used by the department to determine recertification of a provider:

Expiration Dates	CME	Skills	Examination	Late Fee [^]
0 to 12 months	48 hours	Recertification Skills verification	None	\$50.00
12 to 24 months	72 hours	Recertification Skills verification	None	\$50.00
24 to 36 months	72 hours, that includes completion of a 48 hours refresher course	Complete Psychomotor and Cognitive Examination		\$50.00
After 36 months	Must repeat the entire EMT course		Certification Exam	\$0

[^] An applicant for recertification after the expiration date listed on the applicant’s certificate must pay a nonrefundable late fee of \$50.00. The department will waive the late fee if the department determines that extenuating circumstances exist. 7 AAC 26.080(d)

Continuing Education for State of Alaska Recertification 7 AAC 26.115

Continuing Education for recertification starts with whether the EMS provider holds a National Registry certification or only a certification by the State of Alaska. State of Alaska will accept National Registry accepted Continuing Medical Education for recertification. EMS providers who attend a department-approved refresher course are benefitted by it providing didactic and practical skills required for recertification as well as competencies in the Alaska Scope of Practice, 7 AAC 26.040.

Recertification 7 AAC 26.110

Not more than one year after the date of expiration, an Alaska certified EMT-1, EMT-2, EMT-3 or AEMT can recertify through two systems, National Registry of EMTs and State of Alaska traditional method:

1. 7 AAC 26.110(a)(3)(A) allows a state certified EMT-1 or AEMT who holds a current National Registry of EMTs certification meets recertification criteria for their corresponding state certification level.

An EMT-2 or EMT-3 who holds a current NREMT EMT certification meets criteria for continuing medical education (CME) of 48 hours. The EMT-2 or EMT-3 only additionally needs to submit the respective skills verification by an EMS instructor.

2. 7 AAC 26.110(b) outlines the three basic requirements for EMT-1, EMT-2, EMT-3 and AEMT: successful completion of
 - a. 48 hours continuing medical education in department-approved areas as outlined in 7 AAC 26.999(15) and as detailed later in this document ;
 - b. skill competence verification from a department-approved instructor in the respective EMT level for which recertification is sought;
 - c. healthcare provider CPR with evidence of a valid credential

NOTE: State of Alaska accepts the traditional minimum 48 hours of continuing medical education (CME) for recertification. However, the subject of continuing education, competency-based education and training following a 'hours requirement' is changing. The topic of continued competency across many industries is in much discussion¹. The National Registry of EMTs has researched this issue and has developed the National Continued Competency Program (NCCP).

Alaska EMS system stakeholders are evaluating the benefits of the National Continued Competency Program and its implementation for Alaska. Although there is wide spread support, this too deserves further investigation. The intent of this initiative is to increase the quality of continuing education while reducing the effort and expense to obtain it. Therefore, the State of Alaska Office of EMS will be working with stakeholders, regional EMS councils and state EMS Instructors and EMS Instructor Coordinators to define what a provider needs to submit for continuing education.

Definition of Continuing Medical Education 7 AAC 26.999(15)

"continuing medical education" or "CME" means ongoing education in topics or content areas included in:

- (A) the initial course objectives for certified EMD, EMR, EMT-I, EMT-II or EMT-III, AEMT or continuing education requirements of cognitive and psychomotor learning for which the provider is certified;
- (B) other department-approved educational subjects required for maintenance of professional organization certification;
- (C) college courses in anatomy, physiology, biology, chemistry, pharmacology, psychology, sociology, injury prevention, statistics or department accepted courses;
- (D) content presented using critiques, didactic sessions, practical drills, workshops, seminars, commercial educational systems, distributed learning, or other department- approved means;
- (E) professional EMS education systems such as the National Continued Competency Program (NCCP) by the National Registry of EMTs (NREMT) or accredited education by the Commission on Accreditation for Pre-Hospital Education (CAPCE).

¹ <https://www.nasemso.org/EMSEducationImplementationPlanning/documents/Continuing-Competence-White-Paper-Apr2015.pdf>

General CME Content (NREMT & Alaska)

<https://content.nremt.org/static/documents/national-nccp-2016.pdf>

NCCR—National Continued Competency Requirements					
Broad Topics—Sub Topics—Time in Hours					
Broad Topics	Sub Topics <i>**ARV=Airway, Respirations, Ventilations</i>	EMR Time in hours	EMT Time in hours	AEMT Time in hours	NRP Time in hours
ARV**	Ventilation	0.5	1	2	2
	Capnography	--	--	--	1
	Oxygenation	0.5	0.5	0.5	0.5
	Total ARV Hours	1	1.5	2.5	3.5
Cardiology	Post-Resuscitation	0.5	0.5	0.5	0.5
	VADs	--	0.5	0.5	0.5
	Stroke	0.5	1	1	1.5
	Cardiac Arrest	0.5	2	2	2
	Pediatric Cardiac Arrest	1	2	2	2.5
	CHF	--	--	--	0.5
	ACS	--	--	1	1
	Total Cardiology Hours	2.5	6	7	8.5
	Trauma	Trauma Triage	--	0.5	1
CNS Injury		0.5	0.5	1	1
Hemorrhage Control		--	0.5	0.5	0.5
Fluid Resuscitation		--	--	0.5	0.5
Total Trauma Hours	0.5	1.5	3	3	
Medical	Special HC Needs	--	1.5	1	2
	OB Emergencies	0.5	0.5	0.5	0.5
	Infectious Disease	0.25	0.5	0.5	0.5
	Medication Delivery	--	--	1	1
	Pain Management	--	0.5	1	1
	Psychiatric	0.25	0.5	1	1
	Toxicological/Opioids	0.5	0.5	0.5	0.5
	Neurological/Seizures	0.5	0.5	0.5	0.5
	Endocrine/Diabetes	0.5	1	1	1
	Immunological	0.5	0.5	0.5	0.5
	Total Medical Hours	3	6	7.5	8.5
	Operations	At-Risk Populations	--	0.5	0.5
Ambulance Safety		--	0.5	0.5	0.5
Field Triage		0.5	0.5	0.5	1
Hygiene/Vaccinations		0.25	0.5	0.5	0.5
Culture of Safety		0.25	0.5	0.5	0.5
Pediatric Transport		--	0.5	0.5	0.5
Crew Resource Mgmt		--	1	1	1
Research		--	0.5	0.5	1
Evidence Based Guidelines		--	0.5	0.5	0.5
Total Operations Hours		1	5	5	6.5
TOTAL Hours	8	20	25	30	

Programs approved by the Continuing Education Board for Emergency Medical Services (CECBEMS)	No Max.
Programs approved by Regional EMS Offices in Alaska	No Max.
State and Regional EMS Symposia	No Max.
ABLS (Advanced Burn Life Support)	8
ACLS (Advanced Cardiac Life Support)	16
AED Training Prog.(AHA, ARC, approved inst.)	4
Alaska Division of Public Health Strategic National Stockpile Emergency Preparedness training	16
AMSEA (Alaska Marine Safety Education Assoc.)	16
Anatomy & Physiology	12
APLS (Advanced Pediatric Life Support)	8
Basic Public Fire Education - AK Fire Service Training	3
Basic Trauma Life Support (BTLS)	16
Basic Trauma Life Support (BTLS) Access	8
Basic Trauma Life Support (BTLS) Pediatric	16
Cancer: Risks, Diagnosis and Treatment (Community Health Aide Program)	6
Certified Nurses Aide Training	12
Community Health Aide Program - Session 1	48
Community Health Aide Program - Session 2	48
Community Health Aide Program - Session 3	36
Community Health Aide Program - Session 4	48
CPR (Initial Course for Health Care Providers)	8
CPR (Renewal Course)	4
Diabetes, Agenda for (Advanced CHA/P Course)	4
Emergency Medical Dispatcher	24
Emergency Medical Dispatcher	24
EMT-I Instructor Course	24
FEMA IS-5.A: An Introduction to Haz-Mats	up to 8 hrs
FEMA IS-100, 200	2 hrs ea max
FEMA IS-300, 400, 700, 800	4 hrs ea max
FEMA IS-340 Hazardous Materials Prevention	up to 4 hrs
FEMA Online Training Courses	
National Incident Management System (IS-700)	up to 3 hrs
FEMA Q-157	
EMS Operations at Multi-Casualty Incidents	up to 2 hrs
Gatekeeper Training: Recognizing and Intervening with the Suicidal Patient	up to 3 hrs
Geriatric Education for Emergency Medical Services (GEEMS) - Basic Life Support	8
Geriatric Education for Emergency Medical Services (GEEMS) - Advanced Life Support	12
Hazardous Materials Awareness Training	8
Learn to Return-Aviation Land and Water Survival	16
Learn to Return - Helicopter Underwater Escape Trng	8
Learn to Return - Survival Medicine	16
Medevac Escort	16
NHTSA Child Passenger Safety Technician Certification Course	14.5
Office for Domestic Preparedness (US Dept. HS) - WMD Hands-on-Training	16
Office for Domestic Preparedness (US Dept. HS) - WMD Hazardous Materials Technician	24
Office for Domestic Preparedness (US Dept. HS) - WMD Incident Command	24
Office for Domestic Preparedness (US Dept. HS) - WMD Technical Emergency Response Training	32
Partners Four - Air Bag Safety (videotape)	3
Pediatric Disaster Life Support - (UMass Med. School)	12
PEPP - Basic	8
PEPP - Advanced	16
Self-study programs, including videotapes, internet CME, journal articles, etc.	24
Total Marine Safety -Medical Emergency Basic Trng	8
Total Marine Safety - Personal Survival	15
Total Marine Safety - Proficiency in Survival Craft	30
Total Marine Safety - Fast Rescue Craft Operator	13.5

Affiliated Certifications as EMS Credential

Affiliated healthcare provider course certifications from recognized organizations, i.e. American Heart Association (AHA), National Association of EMTs (NAEMT), American Safety and Health Institute (ASHI), etc., are accepted as a credential and approved for meeting educational requirements associated with EMS course objectives or recertification requirements of Alaska EMS licensure, i.e. Healthcare BLS CPR card. National Registry of EMTs defines recognized organizations affiliated healthcare provider course recognition toward the National Continued Competency Program requirements.

<https://content.nremt.org/static/documents/NCCR%202016%20Standard%20Course%20to%20SubTopics.pdf>

Standardized Course Guide - NCCP 2016																		
Instructions: You may apply the standardized courses (top row) to the NCCP Model topics (left column) anywhere there is a (✓) without exceeding the maximum total amount of hours per course. Example: You attended an ACLS Renewal Course for 6 hours. You may apply a maximum of 6 hours in total to any topic(s) with a (✓) in the ACLS column.																		
National Continued Competency Model (NCCP) 2016					Cardiology	Medical				Special Populations			Trauma	Operations				
Broad Topics	Sub Topics	EMR Time in hours	EMT Time in hours	AEMT Time in hours	NRP Time in hours	ACLS	AMLS/EMPACT	ABLS	ASLS	ENLS	PALS/APLS/ PEARS/NRP	PEPP/EPC	GBMS	ITLS/PHTLS/ TCCC/TECC/ ATLS	EMS Safety	EVOG/CEVO/ TMS	HAZMAT/BIDS/ ADLS 100, 200, 300, 400, 700, 800	
ARV	Ventilation	0.5	1	2	2	✓	✓	✓	✓	✓	✓	✓	✓	✓				
	Capnography	--	--	--	1	✓	✓	✓	✓	✓	✓	✓	✓	✓				
	Oxygenation	0.5	0.5	0.5	0.5	✓	✓	✓	✓	✓	✓	✓	✓	✓				
	Total ARV Hours	1	1.5	2.5	3.5													
Cardiology	Post-Resuscitation	0.5	0.5	0.5	0.5	✓	✓	✓	✓	✓	✓	✓	✓	✓				
	VADs	--	0.5	0.5	0.5		✓											
	Stroke	0.5	1	1	1.5	✓	✓		✓	✓			✓	✓				
	Cardiac Arrest	0.5	2	2	2	✓	✓						✓	✓				
	Pediatric Cardiac Arrest	1	2	2	2.5													
	CHF	--	--	--	0.5		✓							✓				
	ACS	--	--	1	1	✓	✓							✓				
	Total Cardiology Hours	2.5	6	7	8.5													
Trauma	Trauma Triage	--	0.5	1	1		✓	✓	✓	✓			✓	✓			✓	
	CNS Injury	0.5	0.5	1	1	✓	✓		✓	✓	APLS	✓	✓	✓				
	Hemorrhage Control	--	0.5	0.5	0.5		✓	✓	✓	✓	✓	✓	✓	✓				
	Fluid Resuscitation	--	--	0.5	0.5	✓	✓	✓	✓	✓	✓	✓	✓	✓				
	Total Trauma Hours	0.5	1.5	3	3													
Medical	Special HC Needs	--	1.5	1	2	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓	
	OB Emergencies	0.5	0.5	0.5	0.5		✓				✓	✓	✓	✓				
	Infectious Disease	0.25	0.5	0.5	0.5		✓				✓	✓	✓	✓				
	Medication Delivery	--	--	1	1	✓	✓	✓	✓	✓	✓	✓	✓	✓				
	Pain Management	--	0.5	1	1			✓	✓	✓	✓	✓	✓	✓				
	Psychiatric	0.25	0.5	1	1		AMLS		✓	✓		✓	✓	✓				
	Toxicological/Opioids	0.5	0.5	0.5	0.5	✓	✓	✓	✓	✓	APLS	✓	✓	✓			✓	
	Neurological/Seizures	0.5	0.5	0.5	0.5		✓	✓	✓	✓	APLS	✓	✓	✓				
	Endocrine/Diabetes	0.5	1	1	1	✓	✓				✓	✓	✓	✓				
	Immunological	0.5	0.5	0.5	0.5		✓				✓	✓	✓	✓				
Total Medical Hours	3	6	7.5	8.5														
Operations	At-Risk Populations	--	0.5	0.5	1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Ambulance Safety	--	0.5	0.5	0.5		✓				✓	✓	✓	✓	✓	✓	✓	
	Field Triage	0.5	0.5	0.5	1		✓				✓	✓	✓	✓	✓	✓	✓	
	Hygiene/Vaccinations	0.25	0.5	0.5	0.5	✓	✓				✓	✓	✓	✓	✓	✓	✓	
	Culture of Safety	0.25	0.5	0.5	0.5	✓	✓				✓	✓	✓	✓	✓	✓	✓	
	Pediatric Transport	--	0.5	0.5	0.5			✓			PALS	✓	✓	PHTLS	✓	✓	✓	
	Crew Resource Mgmt	--	1	1	1	✓	✓				PALS, PEARS	✓	✓	✓	✓	✓	✓	
	Research	--	0.5	0.5	1	✓	✓					✓	✓	✓	✓	✓	✓	
	Evidence Based Guidelines	--	0.5	0.5	0.5	✓	✓					✓	✓	✓	✓	✓	✓	
	Total Operations Hours	1	5	5	6.5													
TOTAL Hours	8	20	25	30														

Continuing Medical Education 7 AAC 26.115.

- (a) An individual may request the department to review a proposed continuing medical education program and determine the number of hours of continuing medical education.
- (b) The provider of a proposed continuing medical education program who requests department review and approval must
 - (1) provide evidence that the provider possesses expertise to teach the proposed material; and
 - (2) agree to provide each student who successfully completes the continuing medical education course with documentation that states
 - (A) the name of the provider awarding the hours of continuing medical education;
 - (B) the number of hours of continuing medical education awarded;
 - (C) the date on which the hours of continuing medical education were awarded; and
 - (D) brief description of the medical content for which the hours of continuing education were awarded.
- (c) A provider requesting department review and approval under (b) of this section of a proposed continuing medical education program via distance delivery education means the provider has successfully met all learning objectives.

Becoming an EMS instructor

Who Can Teach Who? 7 AAC 26.050, 7 AAC 26.430

Provider Level	May become an Instructor
ETT	Southeast Region EMS Council sponsors the ETT course and allows an experienced ETT provider to become a certified ETT Instructor. Can only instruct ETT courses
EMR (a NREMT certification level)	EMR is allowed only under reciprocity* as equivalent to ETT may enroll in an ETT to EMT-1 Bridge Course. EMR instructor is not an Alaska certification, but meet criteria to be an ETT level instructor.
EMT (NREMT) / EMT-1 with three years experience may become an	Alaska EMS Instructor – for ETT, EMT-1; and with <i>3 years-experience as an instructor may become an</i> Alaska EMS Inst. Coordinator – ETT, EMT-1, Certifying Officer for EMT-1
EMT-2 (Alaska) with 3 years-experience may become	Alaska EMS Instructor – for ETT, EMT-1; with <i>3 years-experience as an instructor may become an</i> Alaska EMS Inst. Coordinator – ETT, EMT-1, Certifying Officer for EMT-1, EMT-2
EMT-3 (Alaska) with 3 years-experience may become	Alaska EMS Instructor – for ETT, EMT-1; with <i>3 years-experience as an instructor may become an</i> Alaska EMS Inst. Coordinator – ETT, EMT-1, Certifying Officer for EMT-1, EMT-2, EMT-3
AEMT (NREMT) / AEMT (Alaska) with 3 years-experience may become an EMS Instructor	Alaska EMS Instructor – for ETT, EMT-1, AEMT; with <i>3 years-experience as an instructor may become</i> Alaska EMS Inst. Coordinator – who can also teach, as a department approved instructor trainer for ETT, EMT-1, AEMT (if NREMT); CO for EMT-1, EMT-2, EMT-3;
Paramedic (NREMT/AKMICP) with 3 years-experience may become:	NREMT/MICP as an Alaska EMS Instructor may instruct all provider levels, & NREMT Paramedic/AK MICP refresher, <i>with 3 years-experience may become</i> Alaska EMS Instructor Coordinator – for all certification levels; may become department approved EMS Instructor trainer.
MICP Course Coordinator	May instruct all EMS provider and instructor levels, Paramedic course and MICP refresher and as a department approved EMS Instructor and Instructor Coordinator.

EMS Instructor and Instructor Coordinator Certification 7 AAC 26.050(a)

- (3) A state-certified EMS Instructor Coordinator applying for a department-approved course that certifies an individual as a state-certified EMS Instructor must agree to
- (A) use a department-approved EMS Instructor education course that meets or exceeds the objectives outlined by the United States Department of Transportation, National Highway Traffic Safety Administration's National Guidelines for Educating EMS Instructors, 2002, as amended time to time, and adopted by reference;
 - (B) include requirements as set out in the department's Guide for EMS Education, Certification and Licensure in Alaska as amended time to time and adopted by reference.
 - (C) have appropriate training equipment available throughout the course;
 - (D) determine the individual meets one of the following prerequisites unless the EMT Instructor Coordinator includes in the course the methods-of-instruction content as defined in (4) of this section:
 - i. successful completion of a department-approved online methods-of-instruction course;
 - ii. provides evidence of a department-approved equivalent methods-of-instruction course;
 - (E) limits enrollment to students who provide evidence of a valid credential set out in 7 AAC 26.030(e)(1)
 - (F) determines the student has successfully met competence of the course learning objectives.

State of Alaska EMT Instructors Levels

EMS Instructor 7 AAC 26.030 (e)

A State of Alaska EMS provider with a minimum of 3 years of experience as an EMT or higher may enroll in a department approved EMS Instructor course. A department approved method of instruction course is accepted as partial criteria of an EMS Instructor course. An EMS Instructor may be the primary instructor for a course that is equal to or lower than the level of their current provider licensure. Only EMS Instructors and EMS Instructor Coordinators who are current MICP or Nationally Registered Paramedic (NRP) may instruct an EMT-2 or EMT-3 course.

An Alaska EMS Instructor is not required to teach a complete EMT course to remain certified. This is considered a benefit for low volume services. EMS Instructors must show evidence of continuing education in instructor educational based content, with required hours, to remain certified, 7 AAC 26.110 (c)(3). An EMS Instructor with three years of experience may petition to become a State of Alaska Certifying Officer at the level of their provider certification.

EMS Instructor Coordinator 7 AAC 26.030 (f)

A State of Alaska EMS Instructor with 3 years of experience as an EMS instructor may enroll in a department approved EMS Instructor Coordinator program. An EMS Instructor Coordinator may be the primary instructor for a course that is equal to or lower than the level of their current provider licensure. Only EMS Instructor Coordinator who is a current a MICP or Nationally Registered Paramedic (NRP) may instruct an EMT-2 or EMT-3. An EMS Instructor Coordinator may apply for department-approval to be the lead instructor for an EMS Instructor course. An Alaska EMS Instructor Coordinator must show evidence of continuing education in instructor-based content and have taught a complete EMS Course in the past 2 years to remain certified as an EMS Instructor Coordinator or revert to a certification as an EMS Instructor until a complete course is taught.

EMS Instructors and EMS Instructor Coordinators are afforded the abilities to teach specialty course based upon their area of expertise. One such example is Medevac Escort Technician. An individual requesting course approval for a Medevac Escort Technician must provide evidence of experience in the subject.

EMS Instructor Education

7 AAC 26.050(a)(3)

Application Fee \$25.00

Prerequisite

- Valid EMS or Healthcare provider with three years' experience
- Meet other prerequisites for the EMS Instructor course

Initial Education

- Course must be applied for online
- Successfully complete a department-approved course that certifies an individual as a state-certified EMS Instructor
 - Meets methods of instruction (MOI) criteria: taught in the course, taken a department approved MOI course or approved equivalent (a MOI course must meet or exceed NHTSA Guidelines for Educating EMS Instructors, 2002)
- Successfully meet competencies of the learning objectives

Recertification As per 7 AAC 26.110(c):

- Apply online
- Valid EMS or Healthcare provider
- Valid CPR credential
- Meets one or all of the following method of obtaining 24 hours of continuing education:
 - completes an EMS Instructor refresher course
 - Lead and instruct a complete EMT course
 - Co-instruct on an hour-for-hour basis
 - Instruct CME or skill evaluations on an hour-for-hour basis
 - Attend a course focused on instructor development

EMS Instructor Coordinator Education 7 AAC 26.030(f)(1)(C)

Application Fee \$25.00

Prerequisite

- Must have three years as an active EMS Instructor i.e. conducted two EMT or EMT Instructor courses in the previous two years

Initial Education

Course must be applied for online

- Valid EMS or Healthcare provider
- Completes an EMS Instructor Coordinator education program

Recertification As per 7 AAC 26.110(d):

- Apply online
- Valid EMS or Healthcare provider
- Valid CPR credential
- Must lead and instructs one complete EMT or EMT Instructor course (minimum)
- Meets one or all of the following method of obtaining 24 hours of continuing education:
 - completes an EMS Instructor refresher course (16 hours max).
 - Co-instruct on an hour-for-hour basis
 - Instruct CME or skill evaluations on an hour-for-hour basis
 - Attend a course focused on instructor development

*Failure to meet above criteria, the department may recertify the individual as an EMS Instructor

Method of Instruction (MOI): 7 AAC 26.050(e)(3(A), (B)

Method of Instruction (MOI) is a specific course that provides the basic instruction principles of education and training. It is not an Alaska EMS Instructor course unto itself. The MOI course is beneficial for individuals who teach the public, e.g. CPR and AED training for laypersons. An individual needs MOI as part of an approved EMS instructor program to obtain an EMS Instructor certification. Instructor Coordinators must insure each EMS Instructor candidate meets competence and the minimum abilities to be an EMS educator in the state of Alaska.

An individual may meet method of instruction criteria if

- the MOI content is included within the EMS Instructor course;
- a specific MOI course meets or exceeds the United States Department of Transportation, National Highway Traffic Safety Administration's National Guidelines for Educating EMS Instructors, 2002, as approved by the department
- the department approves a MOI equivalent, i.e. teaching degree, instructor in another emergency services subjects

Fire Service Instructor I: (NFPA 1041 2012 ed., 3.3.2.1):

An individual who has demonstrated the knowledge and ability to deliver instruction effectively from a prepared lesson plan, including instructional aids and evaluation instruments; adapt lesson plans to the unique requirements of the students and jurisdiction having authority; organize the learning environment so that learning is maximized; and meet the record-keeping requirements of authority having jurisdiction. See: AFSC Fire Service Instructor I.

Fire Service Instructor II or greater: (NFPA 1041 2012 ed., 3.3.2.2):

An individual who has met the requirements for Fire Service Instructor - Level I qualifications and has demonstrated the knowledge and ability to develop individual lesson plans for a specific topic including learning objectives, instructional aids and evaluation instruments; schedule training sessions based on overall training plan of jurisdiction having authority; and supervise and coordinate the activities of other instructors. See: AFSC Fire Service Instructor III.

Alaska EMS Instructor Course General Guidelines

Alaska Instructor Orientation Objectives – Topic Areas:

- Overview of the Alaska EMS System-(1 hour)
- Understanding and Using Alaska Regulations -(2 hours)
- Alaska Specific Medical Legal-(4 hours)
- Alaska Specific Teaching Resources-(1 hour)
- Licensure (Online), Course Documentation and Record Keeping -(1 hour)
- Administration of Certification Examinations -(2 hours)
- Putting Together a Class-(1 hour)
- Cultural Awareness-(1 hour)
- Recertifications – Provider, EMS Instructor and EMS Instructor Coordinator)
- Moulage Lab-(Optional)
- Demonstrates the ability to coordinate the content and instruct an EMS lesson, evaluates psychomotor skills and provide students feedback in their performance in class

NHTSA Guidelines for Educating EMS Instructors, 2002 Overview

United States Department of Transportation, National Highway Traffic Safety Administration's National Guidelines for Educating EMS Instructors, 2002 An adopted by reference document 7 AAC 26.030(e)(3)(A)

Key Content Areas:

Roles and Responsibilities	Lesson Plans and Course Syllabus	Teaching Psychomotor Skills
Administrative and Legal Issues	Presentations Skills	Affective Domain
Evaluation Techniques	Evaluation Techniques	Discipline and Evaluation
Learning Environment	Facilitation Techniques	Remediation
Learning Styles	Communication/Feedback	Cultural Awareness
Small group/Blended learning	Motivation, Coaching and Mentoring	Teaching Resources
Domains of Learning	Teaching Critical Thinking Skills	Research
Goals and Objectives	Teaching Psychomotor Skills	Situational Evaluation Tools

https://one.nhtsa.gov/people/injury/ems/instructor/instructor_ems/2002_national_guidelines.htm

ETT Instructor, EMS Instructor and Instructor Coordinator Certification Overview 7 AAC 26.080

	ETT Instructor 7 AAC 26.430(a)	EMS Instructor 7 AAC 26.030(e)	EMS Instructor Coordinator 7 AAC 26.030(f)
Prerequisite	<ul style="list-style-type: none"> Valid EMS or Healthcare provider with one year experience 	<ul style="list-style-type: none"> Valid EMS or Healthcare provider with three years' experience 	<ul style="list-style-type: none"> Must have three years as an active EMS Instructor Conducted two EMT courses in the previous two years
Initial Application Fee \$25.00 7 AAC 080(a)	<ul style="list-style-type: none"> Course must be applied for online Valid CPR credential Completes a department approved course <ul style="list-style-type: none"> ETT instructor training program, or Instructor training program that meets or exceed the NHTSA National Guidelines for Educating EMS Instructors, adopted by reference 7 AAC 26.030(e)(3)(A) may require demonstration of provider competence Establish an online account in the department license management system 	<ul style="list-style-type: none"> Course must be applied for online Successfully completes a department-approved course that certifies an individual as a state-certified EMS Instructor <ul style="list-style-type: none"> Meets methods of instruction (MOI) criteria: taught in the course, taken a department approved MOI course or approved equivalent (a MOI course must meet NHTSA Guidelines for Educating EMS Instructors, 2002) Successfully meet competencies of the learning objectives 	<ul style="list-style-type: none"> Course must be applied for online Valid EMS or Healthcare provider Completes an EMS Instructor Coordinator education program
Recertification Application Fee \$25.00 7 AAC 080(b)	<p>As per 7 AAC 26.475:</p> <ul style="list-style-type: none"> Apply online Valid EMS or Healthcare provider or ETT provider Valid CPR credential Applies online Meets one or all of the following methods of obtaining 24 hours of continuing education: <ul style="list-style-type: none"> Documentation as primary instructor of a complete ETT course Co-instruct on an hour-for-hour basis Instruct CME or skill evaluations on an hour-for-hour basis Attend a course focused on instructor development <p>*Lapsed certification over 12 requires retaking the ETT Instructor course</p>	<p>As per 7 AAC 26.110(c):</p> <ul style="list-style-type: none"> Apply online Valid EMS or Healthcare provider Valid CPR credential Meets one or all of the following methods of obtaining 24 hours of continuing education: <ul style="list-style-type: none"> completes an EMS Instructor refresher Lead and instruct a complete EMT course Co-instruct on an hour-for-hour basis Instruct CME or skill evaluations on an hour-for-hour basis Attend a course focused on instructor development 	<p>As per 7 AAC 26.110(d):</p> <ul style="list-style-type: none"> Apply online Valid EMS or Healthcare provider Valid CPR credential Must lead and instruct one complete EMT course (minimum) Meets one or all of the following methods of obtaining 24 hours of continuing education: <ul style="list-style-type: none"> completes an EMS Instructor refresher (16 hours max). Co-instruct on an hour-for-hour basis Instruct CME or skill evaluations on an hour-for-hour basis Attend a course focused on instructor development <p>*Failure to meet above criteria, the department may recertify the individual as an EMS Instructor</p>

Guidelines for Alaska EMS Instructor Course Education (objectives example):

- Describe the Alaska EMS levels and course: ETT and CHAP, EMT-1, EMT-2, EMT-3, AEMT, Paramedic, ETT Instructor, EMS Instructor, EMS Instructor Coordinator, certification officials, certifying officer,
- Describe the process of certification: State of Alaska, National Registry of EMTs, and reciprocity
- Discuss the history of EMS in Alaska, Alaska Council on Emergency Medical Services (ACEMS), State Training Committee and organizational structure of EMS within the state
- Discuss the role and location of the regional offices in the State of Alaska DHSS/Office of EMS
- Describe the Alaska Statutes and Alaska Administrative Codes relating to EMS, policies, guidelines, standards, protocols, standing orders, standards of care, scopes of practice, special skills (previously known as expanded scope)
- Discuss www.ems.gov resources, National Highway Traffic Safety Administration (NHTSA) guiding documents, National Association State EMS Officials, other sources of EMS leadership
- Review the details of the National EMS Education Standards and examples of evidence-based medicine best practices
- Describe steps to request course approval, requirements and documents during the course and course completion
- Discuss course documentation and record keeping, use of online accessible tools, Alaska EMS licensure system
- Discuss components of a successful EMS course, include resources, support and points of contacts
- Describe the steps of evaluating students, quizzes, tests, simulated scenarios, standards for the course syllabus
- Discuss culture awareness (gender and gender identity, ethnicity, religion, language, age, race, sexual orientation, Alaska urban, rural and frontier (super-rural) geographic areas with specifics discussions about Alaska's indigenous people
- Describe Alaska healthcare system to include clinics, hospitals, transport system, trauma and specialty care centers
- Describe the value of moulage, simple applications and role play
- Define the contents of the National Registry of EMTs EMT and Advanced (if applicable) Examination Guidebooks:
Basic Life Support Psychomotor Exam_
<https://content.nremt.org/static/documents/2016%20EMT%20User%27s%20Guide%20v1.pdf>
Advanced Life Support Psychomotor Exam
<https://content.nremt.org/static/documents/AdvancedLevelExaminationCoordinatorManual2017.pdf>

Developing an EMT Course

Commercial (textbook publisher) learning systems

Instructors might find the use of commercial EMS learning systems developed by textbook publishers beneficial in two ways:

- Lessens the overall work of the EMS Instructor in writing a course core competencies, objectives and lesson plans
- The commercial product core competencies content, support material, visual aids and textbook all match

Instructors can augment the commercial learning material with local information for clarity and appropriateness of the needs of the students. One useful expression is, "focus on the need to know and less on the nice to know." Often the value of the commercial EMS learning systems is the learning objectives to pass the cognitive exam are made clear. One concern with any textbook, often the content is almost five years old, by the time it is researched, written, published and sold. Textbooks or online e-books follows National EMS Education Standards from which examinations for certification are written. Therefore, instructors are encouraged to provide students with sources that keeps them updated with EMS improvements.

EMT Course Developed by the EMS instructor

Instructors may find reward in developing their own EMT course. Content for a course may come from commercial learning systems, textbooks, or even updated learning objectives from the past. Learning objectives for an EMT course must contain content areas of the National Highway Traffic Safety Administration (NHTSA) Core Content, which is further defined in the NHTSA National EMS Education Standards Instructor Guidelines. <https://www.ems.gov/education.html>

Lesson plan development: <http://www.nasemso.org/EMSEducationImplementationPlanning/documents/ToolsForDevelopingCurriculum.pdf>

Alaska Instructor Resources

The National EMS Education Standards was adopted by the Governor’s Alaska Council on EMS (ACEMS) in February 2014. The Department of Health & Social Services, Section of Rural and Community Health Systems, Office of Emergency Medical Services strives for quality improvement throughout the entire State of Alaska EMS system through a spirit of collaboration. Alaska’s EMS instructors provide a vital role in the Alaska EMS system. Their key responsibility is to educate, train and ready an individual for certification. They provide education based in part of the following documents in order to assure the best patient care at all EMS certification levels.

- National EMS Education Standards
<https://www.ems.gov/pdf/National-EMS-Education-Standards-FINAL-Jan-2009.pdf>
- National EMS Core Content:
https://www.ems.gov/pdf/education/EMS-Education-for-the-Future-A-Systems-Approach/National_EMS_Core_Content.pdf
- National EMS Scope of Practice Model, 2018 – Final Draft
<https://nasems.org/documents/SOP-Model-DRAFT-FRONT-NARRATIVES-01Aug2017.pdf>
- National EMS Education Standards – Instructor Guidelines
<https://www.ems.gov/pdf/National-EMS-Education-Standards-FINAL-Jan-2009.pdf>
- Emergency Medical Responder
https://www.ems.gov/pdf/education/National-EMS-Education-Standards-and-Instructional-Guidelines/EMR_Instructional_Guidelines.pdf
https://www.ems.gov/pdf/education/National-EMS-Education-Standards-and-Instructional-Guidelines/MUCC_Addendum_EMR.pdf

Emergency Medical Technician

https://www.ems.gov/pdf/EMT_Instructional_Guidelines.pdf

https://www.ems.gov/pdf/education/National-EMS-Education-Standards-and-Instructional-Guidelines/MUCC_Addendum_EMT.pdf

Advanced Emergency Medical Technician

https://www.ems.gov/pdf/education/National-EMS-Education-Standards-and-Instructional-Guidelines/ADV_EMT_Instructional_Guidelines.pdf

https://www.ems.gov/pdf/education/National-EMS-Education-Standards-and-Instructional-Guidelines/MUCC_Addendum_AEMT.pdf

Paramedic

https://www.ems.gov/pdf/education/National-EMS-Education-Standards-and-Instructional-Guidelines/Paramedic_Instructional_Guidelines.pdf

https://www.ems.gov/pdf/education/National-EMS-Education-Standards-and-Instructional-Guidelines/MUCC_Addendum_Paramedic.pdf

Reference Documents National Assoc. of EMS Physicians – Update -

<http://www.naemsp.org/Documents/2018%20Annual%20Meeting%20forms%20graphics%20etc/Handouts/SAT%20100%20NHTSA%202018%20National%20EMS%20Scope%20of%20Practice%20-%20Bourn-Tailac.pdf>

EMT Course Application

Previously department-approved or a commercial prepared learning system 7 AAC 26.050

Submit an EMS Course Application via the Public Portal 30 days before the first day of the EMT course

<https://emsdata.chems.alaska.gov/licensure/public/alaska/public-portal/Login/>

Three documents must be uploaded with the application:

1. EMS Course Schedule (may include the Course Learning Objectives)
2. Course Syllabus (as described below)
3. Course Learning Objectives with detail that a student can understand the topics and expectations of the course

Previously approved or commercial EMS learning systems Apply 30 days before the first day of the course:

Course Application information required:

- EMS level of the course
- Type of course (initial, refresher, other)
- Name, mailing address, contact phone number, email of the Instructor and institution if needed
- Name of Medical Director and Co-Instructors (if required)
- Location of the Course
- Start date, end date, psychomotor (State Exam) test date, cognitive examination process or date
- Number of classroom hours; blended education hours may be included as meeting these criteria
- Expected number of students
- Electronic or physical signature of the Instructor

Course Syllabus must include, if not provided already:

- Define which vendor/commercially prepared learning objectives to be used throughout the course and/or
- Submit a copy of the previously approved documents with updated details and new dates of the course seeking approval;
- Course description or educational goals that provide a summary of the course details and expectations;
- Textbook and/or e-book publisher, year/edition and other required and optional learning materials or equipment used and where or how to obtain it;
- Define the prerequisite(s) of the course;
- Define the method of meeting the CPR certification requirement required for the course and license expected
- Attendance policy of the course;
- Grading mechanism, with a minimum of three periods in the course that provides the student feedback as to their academic performance;
- Define expectations of the physical and cognitive expectations, including studying, homework or out of classroom tasks considered as part of the course; provide respect to any documented disability; consider the need for a medical physical or prophylaxis vaccination(s) if required before field/clinical attendance, this may include any malpractice insurance if needed;
- Provide expectations by course policy of behavior, cheating, personal or patient privacy (HIPAA), respect, professional standards during the course and field/clinical attendance, dress code, social media or cellular phone use during the course; it is suggested this be a signed agreement with the student;
- Optional Information: study, test taking, organizational tips and websites that may lead a student to success; outside of course resources and assistance; grievance and resolution plan.

An EMS Course Schedule course content must be outlined in 4 hours increments; a class shall be no longer than 10 hours in a 24-hour day.

Emergency Trauma Technician (A prepared ETT Course): Minimum of 14 days before the first day of the course.

EMT Course Application

First -Time EMT Course Objectives Developed by the EMS Instructor 7 AAC 26.050

Submit an EMS Course Application via the Public Portal 60 days before the first day of the EMT course

<https://emsdata.chems.alaska.gov/licensure/public/alaska/public-portal/Login/>

Three documents must be uploaded with the application:

4. EMS Course Schedule (may include the Course Learning Objectives)
5. Course Syllabus (as described below)
6. Course Learning Objectives with detail that a student can understand the topics and expectations of the course

First -time EMT course objectives developed by the Instructor Apply 60 days before the first day of the course

Course Application information required

- EMS level of the course
- Type of course (initial, refresher, other)
- Name, mailing address, contact phone number, email of the Instructor and institution if needed
- Name of Medical Director and Co-Instructors (if required)
- Location of the Course
- Start date, end date, psychomotor (State Exam) test date, cognitive examination process or date
- Number of classroom hours; blended education hours may be included as meeting these criteria
- Expected number of students
- Electronic or physical signature of the Instructor

Course Syllabus must include:

- An EMS Instructor designed course must include learning objectives with the detail that the student can understand the topics and expectations of the course;
- Textbook and/or e-book publisher, year/edition and other required and optional learning materials or equipment used and where or how to obtain it;
- Define the prerequisite(s) of the course
- Define the method of meeting the CPR certification requirement required for the course and license expected;
- Attendance policy of the course;
- Grading mechanism, with a minimum of three periods in the course that provides the student feedback as to their academic performance;
- Define expectations of the physical and cognitive expectations, including studying, homework or out of classroom tasks considered as part of the course; provide respect to any documented disability; give consideration to the need for a medical physical or prophylaxis vaccination(s) if required before field/clinical attendance, this may include any malpractice insurance if needed;
- Provide expectations by course policy of behavior, cheating, personal or patient privacy (HIPAA), respect, professional standards during the course and field/clinical attendance, dress code, social media or cellular phone use during the course; it is suggested this be a signed agreement with the student;
- Optional Information: study, test taking, organizational tips and websites that may lead a student to success; outside of course resources and assistance; grievance and resolution plan.

An EMS Course Schedule course content must be outlined in 4 hours increments; a class shall be no longer than 10 hours in a 24-hour day.

Emergency Trauma Technician (A prepared ETT Course): Minimum of 14 days before the first day of the course.

Documents required for EMS course approval by the department

Course Syllabus
EMT330 – Advanced Emergency Medical Technician
Fall 2019

Class Hours: 10 credits
Lab Hours: 2 credits
Discipline: Fire & Emergency Services

Catalogue Course Description:
Provides the EMT I with added skills of advanced EMS care, airway and intravenous treatment.

Pre-Corequisites:
EMT A330
10 documented patient contacts

Instructor:
Joe Instructor, BS-EMS, MICP
EMS Academy
907-777-5600
jinstruct@EMSacademy.edu

Textbooks:
American Academy of Orthopedic Surgeons (AAOS). (2019). *Advanced Emergency Care and Transportation of the Sick and Injured* (3rded.). Sudbury, MA: Jones and Bartlett.
Premier Package: ISBN-19: 978-1284131062

Required Documents:
Available from the State of Alaska EMS Unit at the links below –
[Openstax.org Anatomy & Physiology, Alaska EMS Anatomy & Physiology Primer](https://openstax.org/anatomy-and-physiology-alaska-ems-anatomy-and-physiology-primer)
[Cold Injuries Guidelines, 2014](#)
[GUIDE FOR EMTS IN ALASKA](#)
[Alaska Skill Sheets](#)
[Comfort One or MOLST Brochure](#)
[EMS Course Blended Learning Flash Drive](#)

Instructional Goals:
Introduces the advanced skill level in the EMT series and prepares the student for state certification at the Advanced EMT level.

Student will meet criteria to test for and be certified by the National Registry of EMTs as an Advanced EMTs.

EMS Course Schedule

- Date of class
- Topic of instruction
- Skills Lab.
- Time (courses should be in 4 hours increments, class will be no longer than 10 hours in one 24 hours period.
- Highlight Quiz and Examination dates

Advanced EMT Learning Objectives

- The student must demonstrate the ability to safely administer medications (the student should safely and properly administer medications at least 15 times to a "live patient" or on standardized patients if clinical settings are not available).
- The student must demonstrate the ability to safely gain vascular access (the student should safely and successfully access the venous circulation at least 25 times on "live patients" of various age groups or on standardized patients if clinical settings are not available).
- The student should demonstrate the ability to effectively ventilate un-intubated patients of all age groups (the student should effectively ventilate at least 20 "live" patients of various age groups or on standardized patients if clinical settings are not available).
- The student must demonstrate the ability to perform an adequate assessment and formulate and implement a treatment plan for patients with chest pain.
- The student must demonstrate the ability to perform an adequate assessment and formulate and implement a treatment plan for patients with respiratory distress.
- The student must demonstrate the ability to perform an adequate assessment and formulate and implement a treatment plan for patients with altered mental status. The student must demonstrate the ability to perform an adequate assessment on pediatric, adult, and geriatric patients.

Outcomes:
After successful completion of the course, the student will be able to do the following:

- Define the roles and responsibilities of the AEMT as it is related to patient and personal safety.
- Describe the requirements for EMS personnel outlined in the Alaska Bloodborne pathogen regulations and wear appropriate protective clothing.
- Define the AEMT Scope of Practice (7 AAC 26.04D) concerning medico/legal implications.
- Initiate, maintain, and discontinue Intravenous and intraosseous lines.
- Obtain blood samples for laboratory analysis.
- Store and properly administer D50W and Naloxone HCL
- Infuse crystalloid solutions for treatment of shock and to maintain venous access.
- Perform insertion of multi-lumen airways, and laryngeal mask airway
- Familiarization with the procedure of endotracheal intubation

EMS Course Syllabus

- Type & Level of Course, start & end date
- Name and contact info. of EMS instructor
- Medical Director (if required)
- Location and classroom hours, out of class requirements, textbook(s) & materials
- Psychomotor certification examinations, State or NREMT cognitive exam.
- Prerequisite(s), grading method with 3 periods that provides student academic feedback
- Course goals, attendance policy and learning objectives that provide the student information of course expectations; other information, such as EMT certification requires a criminal background check.

EMT-A330 Schedule

CLASS DATE	TOPIC	SKILLS	TIME
Aug. 30	ROLES AND RESPONSIBILITIES MEDICAL/LEGAL CONSIDERATIONS	Sharp Management/Safety EMT 1 Skills	.5 hour 1.5 hours
Sep. 6	ANATOMY AND PHYSIOLOGY COMMUNICATIONS/DOCUMENTATION EMS SYSTEMS	EMT Skills	1.5 hours .5 hour .5 hour
Sep. 13	ASSESSMENT AND INITIAL MANAGEMENT MEDICAL EMERGENCIES PHARMACOLOGY	Medical Assessment Trauma Assessment	1 hour 2 Hours
Sep. 20	MEDICAL EMERGENCIES	Skills Sign offs	3 hours
Sep. 27	INTRAVENOUS ACCESS AND THERAPY	Intravenous Therapy	3 hours
Oct. 4	SHOCK/TRAUMA	Skills Sign offs	3 hours
Oct. 11	INTRAVENOUS ACCESS AND THERAPY	SUB-Q and IM Injections	3 hours
Oct. 18	INTRAVENOUS ACCESS AND THERAPY	Skills Sign offs	3 hours
Oct. 25	INTRAVENOUS ACCESS AND THERAPY	Skills Sign offs	3 hours
Nov. 1	AIRWAY MANAGEMENT AND VENTILATION	Supraglottic Airway	3 hours
Nov. 8	AIRWAY MANAGEMENT AND VENTILATION	Skills Sign offs	3 hours
Nov. 15	AIRWAY MANAGEMENT AND VENTILATION	Skills Sign offs	3 hours
Nov. 22	Thanksgiving Week	Skills Sign offs	
Nov. 29	Skills practice and wrap-up	Skills Sign offs	3 hours
Dec. 6	Review session	Skills Sign offs	3 hours
Dec. 11	Final Exam (online) Due, Clinical Notebook Due, Skills Portfolio Due		
Dec. 13	PEARSON VUE NREMT EXAM AHS 207		7pm-10pm
Dec. 16	STATE of Alaska/ NAEMT AEMT Practical AHS 307		9a-5p

Quiz Due Dates:

Quiz:	Topics:	Due Date:
Quiz 1	Roles and Responsibilities, Medical/Legal Considerations	9/5/2019
Quiz 2	Anatomy and Physiology, Communications and Documentation, EMS Systems	9/12/2019
Quiz 3	Assessment and Initial Management	9/19/2019
Quiz 4	Medical Emergencies	9/26/2019
Quiz 5	Shock/Trauma	10/17/2019
Quiz 6	IV Access and Therapy and Medication administration	11/7/2019
Quiz 7	Airway management and Ventilation	11/28/2019

EMS Learning Objectives

- Learning objective outlines basic core competencies of the course.
- Most persons who register for an initial EMT course do not know the details nor expectations of an EMT course.

Instructor steps for applying for EMS Course Approval

1. Login to the State of Alaska EMS Licensure Public Portal: <https://emsdata.chems.alaska.gov/licensure/public/alaska/portal-/login>

Emergency Trauma Technician (ETT)

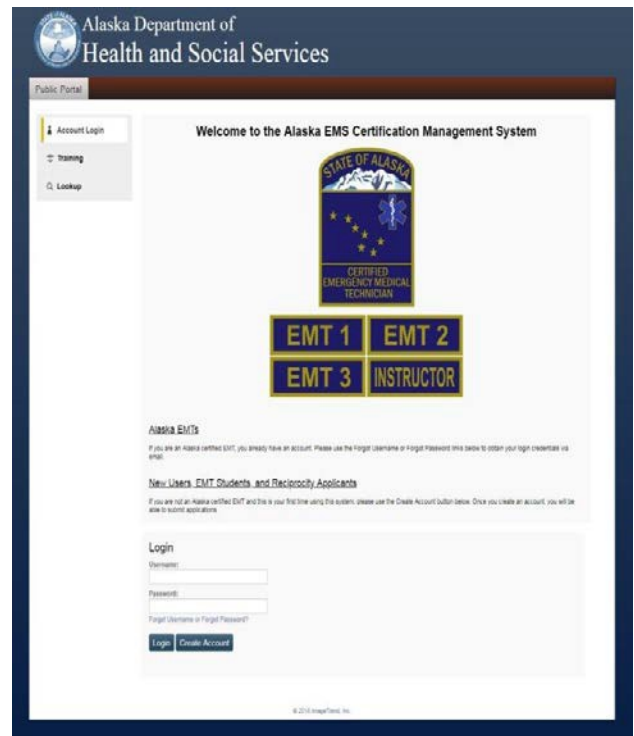
Submit 14 days before the first day of the course
When using a commercial prepared curriculum or previously department-approved course

EMT Course

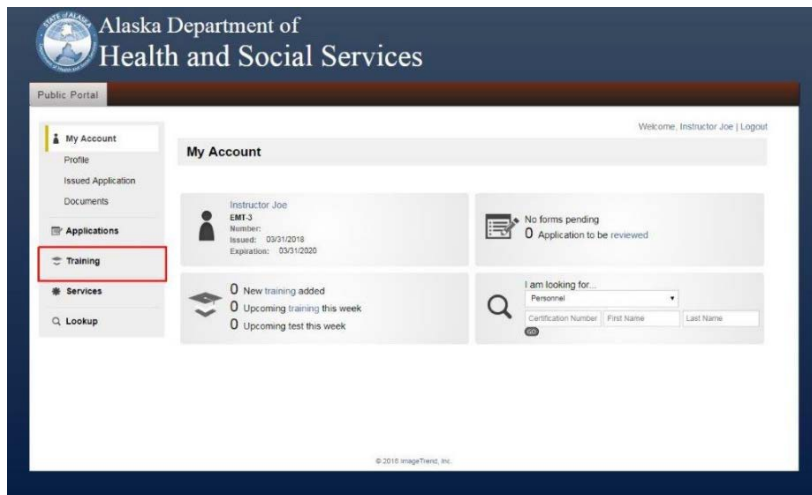
Submit 30 days before the first day of the course
When using a commercial prepared curriculum or previously department-approved course

EMT Course

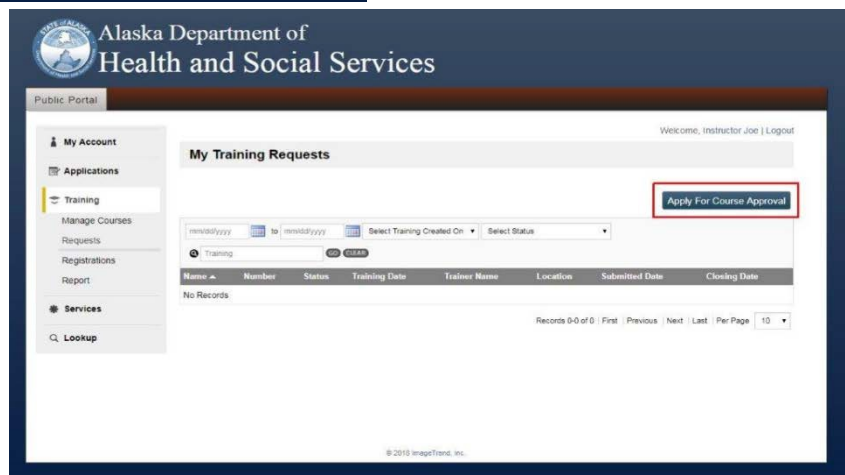
Submit 60 days before the first day of the course
when using a curriculum developed by the instructor



2. Choose Training



3. Select Apply for Course Approval



4. Complete the Request a Course application

The screenshot shows the 'Request Training' form in the 'Details' tab. The form includes the following sections:

- Course Information:** Course Type (Initial), Course Name (EMT-1 Initial Course (EMT1)), and Training Number (automatically generated).
- Location and Instructor:** Region (Southeast), Location (JUNEAU), Topic (Job, Instructor Test), Co-Instructor, and Medical Director (Select Medical Director).
- Description:** A large text area for course details.
- Dates:** Multiple Dates (Yes/No), Start Date and Time (08/01/2018), End Date and Time (08/14/2018), Classing Date (08/28/2018), and Test Date (mm/dd/yyyy).
- Registration and Sign-up:** Allow Registration (Yes/No), Attendee Sign-up Start, Attendee Sign-up End, and Attendee Max Count.
- Additional Information:** Textbook Name.
- Notes:** Internal Note: "Notes entered here are viewable only by the Office of EMS personnel and will not be visible to the public."

Buttons at the bottom include 'Save and Continue' and 'Cancel'.

5. Upload documents:

- EMS Course Schedule (may include the Course Learning Objectives)
- Course Syllabus (as described below)
- Course Learning Objectives with detail that a student can understand the top and expectations of the course

The screenshot shows the 'Request Training' form in the 'Documents' tab. It features an 'Upload a Document' button and a table for document uploads:

Name	Description
Syllabus	EMT-1 Initial course syllabus

Buttons at the bottom include 'Save and Continue' and 'Cancel'.

Alaska Instructor Duties

Pre-Course Duties

- Determine the course type and schedule with enough time in advance for planning and preparation.
- Contact the Regional EMS Council early to determine that a Certifying Officer will be available and equipment, proctors and other resources is accessible, as needed.
- The EMS Instructor or EMS Instructor Coordinator must apply online for an EMS course that provides the ability for a student to meet licensure by the State of Alaska.
- EMS courses previously submitted by the EMS instructor and approved by the department, or courses that use commercial (textbook publisher) learning systems must be submitted with the course request application no less than 30 days before the first day of the class unless the department grants a waiver. In addition to the course request application, the instructor must submit:
 - course schedule in 4-hour increments; a class can be no longer than 10 hours in a 24-hour day,
 - syllabus of the course objectives, grading mechanism and expectations of the student
 - commercial publisher name, textbook edition or year (electronic or paper) used by the student during the course. An online learning system may be substituted for the textbook requirement; or
- If the course is developed by the course instructor, and it has not previously been submitted, or it is not a commercial EMS learning system, the course objectives must meet or exceed National EMS Education Standards. EMS instructors may contact the State of Alaska Office of EMS for assistance. Instructors in this case must submit, no less than 60 days before the first day of the course submit the following:
 - course schedule in 4-hour increments; a class can be no longer than 10 hours in a 24-hour day,
 - syllabus of the course objectives, grading mechanism and student expectations
 - textbook, resource(s), the edition or year (electronic or paper) used by the student during the course. An online learning system may be substituted for the textbook requirement.
- Upon approval of the EMS Course Application by the department an email will be sent automatically whereby the instructor should contact the Regional EMS Council and make the arrangements for the certification examinations.
- Assemble the teaching materials, student supplies and equipment for the course. The classroom should be conducive for learning.

During the Course and Pre-Certification Examination Duties

- Perform the course orientation, review the course syllabus, confirm course prerequisites; advised all students of a criminal background check that may bar the person from certification; [7 AAC 26.050(b), 7 AAC 26.950 and 7 AAC 26.960] (refer to criminal background questions to the State of Alaska Office of EMS).
- Provide the student the information to establish their EMS account online via the Public Portal.
- Establish a class roster of students registered for the course to track their progress.
- Provide the students at least three opportunities during the course for feedback of their academic progress.
- Prepare the students for the expectation of cognitive and psychomotor certification exam.
- Contact the Regional EMS Council in advance to arrange for a Certifying Officer.
- Make arrangements far enough in advance to assure availability of exam proctors, scenario patients and equipment needed for the psychomotor stations.

At all test sites, the instructor is responsible for:

- Obtaining simulated patients;
- Providing or arranging for appropriate equipment and supplies;
- Assisting with the setup of practical examination stations, to include moulage;
- Obtaining appropriately credentialed and trained proctors; and follow testing criteria for NREMT exams
- Securing an adequate site for the examination.

Instructor's role at the Certification Examination

- Arrange for the initial cognitive and psychomotor test (State or NREMT) 7 AAC 26.060;
- Agree to assist the Certifying Officer during the administration of the cognitive and psychomotor examination for certification under 7 AAC 26.060; the department will, in its discretion, grant a waiver, by policy, for a certification official who is unable to attend the examination because of unforeseen circumstances;
- The instructor will be present during the entire psychomotor examination, unless prior arrangements have been made with the Regional EMS Office and certifying official.

Post Course

- Before the conclusion of the course advise all students to file their EMS application in State licensure system online via the Public Portal through their EMS account;
- Finalize course completion documents for all students who have completed the course, failed or withdrew. Submit course documents for the course within 14 days after the last enrolled student completes the course requirements via the State of Alaska Office of EMS Public Portal, unless the department grants a waiver.

Professional Development for Lifelong Learning

The goal of continuing medical education is the preservation of confidence and competence of a prehospital provider from initial learning to the benefits gained from EMS responses. Education can be summarized to the "What", or content; and "How", or the method of how the content is learned.

"What" the CME content

Education content for EMS continuing medical education (CME) covers broad areas, some CME changes regularly which requires provider update, i.e. CPR every five years. Evidence-based medicine is that which is researched and consensus-based medicine is that which refers to opinion by experts. Both are used to develop continuing medical information. A requirement of all medical professionals is the on-going learning of new information and the relearning of seldom used treatment strategies to maintain proficiency.

"How" the method CME is learned

Continuing education can be learned several ways synchronously (at the same time the instructor teaches), asynchronously (not at the same time, such as video-based education):

- Direct instruction from an educator, includes practical skills evaluation;
- Distributed learning: "as defined by the Commission on Accreditation for Pre-Hospital Continuing Education (CAPCE) means reading journal articles, viewing video recordings, listening to audio recordings, and participating in educational programs such as online, over the Internet or via a videoconference or teleconference." 7 AAC 26.999(22). The inability of students and instructors to interact in real time prevents dialog and feedback loops that allow for the evaluation of the student's understanding of the learning objectives. Distributed learning is most often considered computer- based learning;
- Computer-based learning also known as e-learning can include department-approved professional EMS education systems, commercial learning systems and accredited education such as Commission on Accreditation for Pre-Hospital Continuing Education (CAPCE).
- Distance delivery education "means educational activities in which the student and the instructor are not in the same physical location; "distance delivery education" includes videoconference or teleconference performing directed studies." 7 AAC 26.999(22)

Instructor Benefit for Providing Required CME

Teaching topics is the same as taking or attending the topic. Instructing topics obtains the same CME credit as learning on an hour-for-hour basis, to a maximum of 24 hours. An EMS instructor may use the hours they teach toward their provider recertification. However, an instructor may not verify his or her own skills, this must be done by another department approved EMS instructor.

Certification and Licensure

Responsibilities for Education, Certification and Licensure in Alaska

7 AAC 26.030, 7 AAC 26.050, 7 AAC 26.06²

A. Responsibilities of the Alaska Department of Health & Social Services, Division of Public Health, Office of EMS:

1. Establish regulatory standards that improve Alaska's EMS system and programs of education and training; [AS 18.08]
2. Support Alaska Regional EMS Councils, Certification Officials, EMS instructors and providers with improvements from evidence-based medicine, EMS best practices and National EMS Education Standards; [AS 18.08.010(3)]
3. Follow the psychomotor examination guidelines used by the National Registry of EMTs to determine an EMS provider's competence for certification and licensure; [7 AAC 26.060]
4. Perform continuing quality improvement across EMS education systems to support effectiveness and efficiencies.

B. Responsibilities of State EMS Instructors and Instructor Coordinators, MICP Course Coordinators and other adjunct certified EMS educators:

1. Promote state and national EMS standards with quality education for improved patient care; [AS 18.08]
2. Submit the application online via the instructor's own EMS account in the Public Portal for an EMS course which ends in a certification for an individual to receive EMS licensure by the State of Alaska Office of EMS; [7 AAC 26.050(a)]
3. Ensure the EMS certification course application includes objectives that are based on evidence-based medicine and meet or exceed National EMS Education Standards current EMS curriculums or best practices; [7 AAC 26.050(b)(2)].
https://www.ems.gov/pdf/education/EMS-Education-for-the-Future-A-Systems-Approach/National_EMS_Education_Standards.pdf
4. Ensure an instructor designed, specialized, or EMS bridge course is submitted for approval to the State of Alaska Office of EMS 60 days before the first day of the course; [7 AAC 26.050(j)(6)]
5. Promote an enriched learning environment, treat each student with fairness, respect and exhibit quality instructor attributes; https://one.nhtsa.gov/people/injury/ems/instructor/instructor_ems/2002_national_guidelines.htm [7 AAC 26.030(c)(b)(3)]
6. Ensure the students meet the minimum requirements for entry into the course, i.e. prerequisite requirements, and that they are advised of the criminal background check guidelines that may bar the person from certification or licensure; [7 AAC 26.050(b), 7 AAC 26.950 and 7 AAC 26.960] (refer criminal background questions to the State of Alaska Office of EMS)
7. Agree to provide the student educational content necessary for successful completion of the educational experience and assist the certification official through the certification examination process; [7 AAC 26.050(b)(6)]
8. Ensure that all course completion documentation is submitted within 14 days after the last day of the course and provide names of enrolled student(s) who has yet to complete all course requirements [7 AAC 26.050(a)].

C. Responsibilities of State of Alaska Certification Official, Representative for the National Registry of EMTs, or other approved State of Alaska certification persons:

1. A State of Alaska EMS approved Certifying Officer represents the State of Alaska in conducting an objective and respectful certification examination process that verifies without bias the pre-hospital competence of a candidate for certification. State approved cognitive and psychomotor testing is coordinated, scheduled and arranged through the respective Regional EMS Council office or another designee unless the department grants a waiver of the requirement showing a reasonable justification that the department determines does not threaten public health; [7 AAC 26.060];
2. Psychomotor examinations for EMT levels certification will follow the testing guidelines of the National Registry of EMTs where applicable, (available at the State of Alaska Office of EMS or online at): <https://www.nremt.org/rwd/public/document/policy-psychomotor-exam>
 - a) Basic Life Support Psychomotor Exam
<https://content.nremt.org/static/documents/2016%20EMT%20User%27s%20Guide%20v1.pdf>
 - b) Advanced Life Support Psychomotor Exam
<https://content.nremt.org/static/documents/AdvancedLevelExaminationCoordinatorManual2017.pdf>
3. State of Alaska Office of EMS may approve other persons, such as examination proctors, skill examiners or representatives of a certifying body, i.e. NREMT, or other designated certifying official to administer examinations via mechanisms such as online or by electronic testing systems [7 AAC 26.060];
4. It is the responsibility of the Certifying Officer or designee of record to submit all completed certification testing documentation to the Regional office, State of Alaska Office of EMS or it designee in a timely fashion following the examination of candidates. [7 AAC 26.050(a)]

² All referenced documents can be found at <http://dhss.alaska.gov/dph/Emergency/Pages/ems/default.aspx> or the Alaska Department of Health & Social Services, Division of Public Health, Office of EMS, physical location: 350 Main Street, Suite 530, Juneau, AK 99801

Components of Certification and Licensure

Basic Criteria:

- Minimum qualifications of the individual: age, no criminal background that bars an individual from a certification;
- Successful completion of the education and training required for the certification and licensure;
- Successful completion of the respective evaluation of competence for certification and licensure;
- Meets other requirements of certification and licensure
- Apply to the department on a form required by the department
- Pay application fee

Certification Officials for the State of Alaska

The certifying officer has overall authority for the activities at a test site. They are required to follow the policies and procedures as outlined in regulations and this manual. Therefore, they must have a minimum of 3 years of experience as a State of Alaska EMS Instructor. The department, in its discretion, may approve a designee as a certifying officer after the individual has received proper training in the duties and expectations of the certification activities to administer components of an exam and if it places no risk to public health.

State of Alaska Certifying Officer Qualifications 7 AAC 26.060(f)

- 1) have at least three years of experience as an EMS Instructor or EMS Instructor Coordinator;
- 2) a valid certification as a healthcare provider as outlined above;
- 3) meets minimum qualifications and accepts the responsibility as a certifying officer:
 - a. three years of experience as an EMS Instructor
 - b. has participated as a psychomotor exam proctor, i.e. three times
- 4) has successfully completed education to function as a certifying officer:
 - a. education in regulations, examinations guidebooks, licensure procedures and NREMT policies
 - b. mentored twice: 1) shadows a Certifying Officer; 2) leads a psychomotor exam with Certify Officer
 - c. performs documentation record keeping
- 5) agrees to perform duties with respect, fairness and without bias
- 6) Is endorsed by a Region

National Registry Advanced Exam Representative

- 1) meets the minimum qualification as an EMS Instructor Coordinator approved by the department
- 2) meets the minimum qualifications of the NREMT
 - a. has no conflicts of interest
 - b. meets NREMT criteria for training by the NREMT
- 3) a valid certification as an advanced life support healthcare provider
- 4) completes the requirements of the National Registry of EMTs to perform as an Advanced Exam Representative
- 5) agrees to perform duties with respect, fairness and without bias
- 6) is endorsed by the State of Alaska Office of EMS (the representative for the NREMT)

Examination Proctor / Skill Examiner

An Examination Proctor/Skill Examiner has ultimate responsibility in evaluating the incremental acts of a candidate for certification and recording them on a psychomotor skill testing sheet for the station or skill for which they are evaluating. A skill examiner or proctor must

- 1) have been selected by an EMS Instructor, EMS Instructor Coordinator or Certifying Officer/Advanced Exam Representative as meeting competence and experience as an EMS provider;
- 2) have received instruction in following the minimum criteria outlined in the NREMT EMT or Advanced Examination Guide (as applicable);
- 3) agree to perform duties with respect, fairness and without bias.

EMT Assistant / Advanced Assistant (professional partner)

EMT or Advanced (AEMT or Paramedic) Assistant(s) are individuals selected to serve as unbiased trained partners to assist candidates during psychomotor skill testing. Assistants are certified, at least, at the level of the examination; however, Alaska EMT-1 psychomotor examinations may allow an Emergency Trauma Technician if no certified EMT is available. A 'professional partner' used in advanced life support psychomotor examinations, i.e. NREMT Paramedic and AEMT are considered an EMT or Paramedic Assistant. AN EMT Assistant or professional partner must

- 1) have been selected by an EMS Instructor, EMS Instructor Coordinator or Certifying Officer/Advanced Exam Representative as meeting competence and experience as an EMS provider;
- 2) have received instruction and follow the minimum criteria outlined in the NREMT EMT or Advanced Examination Guide (as applicable)
- 3) agree to perform duties with respect, fairness and without bias.

Simulated Patients (a certification support person)

Simulated patient(s) are persons over 16 years of age selected to serve as role playing scenario patients in a psychomotor examination. The simulated patient should be instructed to effectively act out the role of a real patient in an out-of-hospital situation. A simulated patient may contribute to the psychomotor examination of whether the candidate did or did not complete an act.

High Fidelity Simulation Manikin Use (a NREMT position statement)

The NREMT position on use of 'high-fidelity' human simulation manikins: *"A high fidelity simulation manikin capable of responding as a real patient given the approved scenario(s) may be used as the Simulated Patient in the Patient Assessment/Management – Trauma and Patient Assessment / Management [and] Medical skills as long as candidates have sufficient experience using these types of manikins."*

Guidelines when a Certifying Officer (CO) is unable to attend a Certification Examination do to Unforeseen Circumstances

The State of Alaska will follow the guidelines from the National Registry of EMTs which allows for situations of unforeseen circumstances: *if the Examination Coordinator is not able to be present at the examination due to unforeseen circumstances, he/she must assign a competent, informed and capable person to coordinate all examination activities in his/her absence. In such a case, this person shall serve as and assume all responsibilities of the 'Examination Coordinator' or Certification Officer throughout the examination.*

When the circumstances require a replacement certification official: an off-duty CO if available, or the highest level of Alaska EMS Instructor who is not connected to the course may fill the CO role. Absent of any other person, the EMS course instructor may coordinate the examination. This situation should be communicated to the Regional EMS office and/or State of Alaska Office of EMS at the earliest opportunity.

Eligibility of Candidates for Testing

In most cases, the eligibility of those at the test site will be clear. Applications evidencing instructor recommendations for the test will be available for most initial applicants. In cases where the eligibility of a person to take the test is uncertain, the Certifying Officer should attempt to resolve the situation to the best option. If this is questionable, the person should be allowed to test with the understanding that the person may be determined to be ineligible for certification at that level. The Regional EMS Council or State of Alaska Office of EMS should then be notified as to the “person’s eligibility being uncertain”. In rare cases, the Certifying Officer may be presented with persons who are otherwise known to be ineligible for certification. When ineligibility has been clearly established, the Certifying Officer should deny the person the opportunity to take the examination for certification.

Administration of Examinations *7 AAC 26.060*

Responsibilities of the State of Alaska Office of EMS for the Certification Examination Process *7 AAC 26.060*

The State of Alaska Office of EMS, (known as “department”) may modify the exam, no other entity may modify any portion of the department-approved cognitive and psychomotor examination for certification. The department or its designee, commonly the Regional EMS Council, will administer the examinations through an Alaska Certifying Officer or approved certification official.

The department is the official testing agency for the National Registry of EMTs, or other department-approved EMS examinations and will control the release of all examinations approved for certification within Alaska. *7 AAC 26.060 (b)*

The cognitive certification examination is not meant as a substitute for an EMS course completion examination.

The role of the certification official is appreciated and extremely beneficial to the State of Alaska and EMS providers. Certification officials should find this content supportive to their duties. The Regional EMS Councils and the State of Alaska Office of EMS support the certification officials with resources for fair and impartial examinations which give candidates the best chance for success.

Certifying Officers are empowered to use their good judgment and will be supported in those decisions when executed in the best interest of the public and State of Alaska

Roles & Responsibilities for Certification *7 AAC 26.030*

The following is general guidance to the steps for certification. Certification examinations (cognitive and psychomotor) are one part of the licensure procedure in addition to completing the online application for certification, successful completion of the EMS course, additional requirements as required, payment and the required criminal background check.

Establishing an EMS Account in the State of Alaska Public Portal *7 AAC 26.030*

The individual must have established an EMS account to apply for a certification as a provider or instructor:

<https://emsdata.chems.alaska.gov/licensure/public/alaska/portal#/login>

Initial Provider and EMS Instructor Certification Criteria Overview 7 AAC 26.030

Candidates must follow the process as outlined in 7 AAC 26.030. [explanations are paraphrased from the regulation]

EMT-1 7 AAC 26.030 (a)

- 1) except as otherwise provided [below][√], be 18 years of age or older;
- 2) have successfully completed a department-approved EMT-1 course and within one year after completing the course pass the cognitive and psychomotor examinations for EMT-I administered by the department, or the National Registry of Emergency Medical Technicians (NREMT);
- 3) provide evidence of a valid CPR credential;
- 4) establish an online account in the department license management system [submit the application online].

EMT-2 7 AAC 26.030 (b)

- 1) have a valid certification as an EMT-1;
- 2) have successfully completed a department-approved EMT-2 course and pass the cognitive and psychomotor examination
- 3) submit documentation of sponsorship of a medical director;
- 4) establish an online account in the department license management system (if not done already);
- 5) provide evidence of a valid CPR credential.

EMT-3 7 AAC 26.030 (c)

- 1) have a valid certification as an EMT-2;
- 2) have successfully completed a department-approved EMT-3 course and pass the cognitive and psychomotor examination
- 3) be under the sponsorship of an approved medical director;
- 4) establish an online account in the department license management system (if not done already);
- 5) provide evidence of a valid CPR credential.

AEMT. 7 AAC 26.030 (d)

- 1) have a valid certification as an EMT-1, EMT-2, or EMT-3; or,
- 2) have successfully completed an AEMT course approved by the department;
- 3) pass the cognitive and psychomotor examination for AEMT administered by the department or the National Registry of Emergency Medical Technicians (NREMT);
- 4) be under the sponsorship of a medical director, approved by the department, who accepts the responsibilities set out in 7 AAC 26.640;
- 5) provide evidence of a valid CPR credential;
- 6) provide valid advanced cardiac life support credential;
- 7) establish an online account in the department license management system.

EMS Instructor 7 AAC 26.030(e)

- 1) Valid EMS or Healthcare provider with three years' experience
- 2) Meet other prerequisites for the EMS Instructor course
- 3) Successfully completes a department-approved course that certifies an individual as a state-certified EMS Instructor
- 4) Meets methods of instruction (MOI) criteria
- 5) Successfully meet competencies of the learning objectives
- 6) Apply for certification for online

EMS Instructor Coordinator 7 AAC 26.030(f). *Addition to the EMS Instructor Criteria

- 1) Must have three years as an active EMS Instructor i.e. conducted two EMT courses in the previous two years
- 2) Completes an EMS Instructor Coordinator education program
- 3) Apply for certification online

[√]The department will only accept an application for EMT-I certification from an individual who is less than 18 years of age if the individual will turn 18 during the period for which certification would be valid and issue a certificate to the individual for the remainder of the calculated certification period upon the individual turning 18 years of age. 7 AAC 26.030(i)

National Registry Policies & Procedures

Certification with National Registry of EMTs

The NREMT Certification Eligibility, Discipline and Appeals Policy

Purpose of Certification/Registry

The National Registry of EMTs is the National EMS Certification as outlined in the National EMS Education Agenda for the Future: A Systems Approach. The NREMT conducts its activities in accordance with its mission to certify and register Emergency Medical Services (“EMS”) Professionals throughout their careers by a valid and uniform process which assesses the knowledge and skills for competent practice and by maintaining a database of registrants. Registry policies are established to assure the public, EMS licensing or authorizing agencies, employers and other healthcare providers that certified EMS professionals have demonstrated the required knowledge and skills to practice safely and effectively.

The National Registry does not issue a license or authorization to practice and does not warrant job performance of EMS professionals.

Role of the NREMT

In its role as the National EMS certification, the NREMT:

- Establishes eligibility requirements for applicants for certification
- Develops examination requirements (cognitive and psychomotor)
- Establishes re-certification requirements
- Reviews applicants’ self-disclosed criminal convictions and actions taken against their healthcare related professional licenses
- Monitors certification status of registrants and takes appropriate action against the certification when apprised of adverse licensure actions and criminal convictions
- Provides to licensing or authorizing agencies obtained adverse licensure action and criminal conviction information regarding registered EMS professionals

The NREMT does *not*:

- Establish, accredit or approve education programs for certification or recertification
- Assess job performance
- Assess fitness for all aspects of job performance (physical, mental, criminal background clearance)
- Investigate complaints regarding EMS practice
- Establish scopes of practice or standards of care
- Establish job-related standards of professional behavior

National Registry Cognitive Examination Guidelines

<https://content.nremt.org/static/documents/exam-pathway.pdf>

Pearson Vue Testing Centers - NREMT Cognitive Certification Testing

Step 1: Create Your Account

- Go to nremt.org and click on 'Login' (found in the blue bar at the top of the NREMT home page).
- Click on 'Set Up New Account' and follow the instructions.

Step 2: Login

- After you have completed Step 1, you can follow the link and login with the username and password you created.

Step 3: Manage Your Account Information

- Complete all the information in the Personal Account Information fields as prompted. The name you include in this area should be the same as what appears on your drivers license (or the ID you will present at the testing center), and is what will appear on your application, National Registry certificate and card upon successful completion of the examination.

Read this to avoid delay! Make sure the name you use to set up your Account matches the name on your drivers license EXACTLY (or the ID you will present at the testing center) or you will be denied access to the testing center on the day of your exam!

Step 4: Create a New Application

- Click on 'Create a New Application' to apply to take your exam.
- Review the Personal Information Summary – if any items are incorrect, you can make corrections by clicking on 'Manage Account Information'.
- Select the application level you wish to complete.

Step 5: Pay Application Fee

- It is recommended that you pay your application fee at the time you complete your online application. However, if you choose, you may pay at a later date.

Read this to avoid delay! An Authorization to Test (ATT) Letter allowing you to schedule your exam will not be issued until payment has been received and all other verifications are complete.

- You can pay by credit/debit online or print a money order tracking slip for mailing your money order to the NREMT.

- When all areas of the application process are completed and have been verified, you will see the following link: 'Print ATT Letter'.

Read this to avoid delay! You will only see 'Print ATT Letter' when you have been verified to test! This link will not appear if the verification process is not yet complete!

- Monitor the progress of your application and watch for your Authorization to Test (ATT) Letter by going to the NREMT home page and logging in using your username and password.
- Click on 'Candidate Services'.
- Click on 'Application Status'.
- If you see 'Submitted' next to 'Course Completion Verification', this means the NREMT has submitted your information to the program you indicated, and is waiting for authorization from the program indicating that you have completed the course.
- If you see the link 'Print ATT Letter', click on the link.

Step 7: Print the ATT Letter to Schedule Your Exam

- Scroll down to see if the 'Print ATT Letter' appears.

Read this to avoid delay! Click on this link to print your ATT Letter. Print and follow the instructions in your ATT Letter.

Step 8: Call Pearson VUE to Schedule Your Exam

- Your ATT Letter will contain the Pearson VUE phone number to call to schedule your examination.
- Your ATT Letter will also include other important information you should read carefully!

- **Read this to avoid delay!**
 - You can reschedule your exam up to 24 hours in advance by calling Pearson VUE at 1-866-673-6896 or visiting the Pearson VUE website. If you fail to appear for your exam, you will have to complete a new application and pay another application fee!
 - Refunds cannot be issued for no-shows.
 - If you arrive late for your exam, you may lose your appointment!

**Additional informational can be found on the NREMT instructional DVD.
Ask your instructor for more information or visit the NREMT website at www.NREMT.org.**

Revisions and updates may be necessary to make the CBT transition as smooth as possible. Please refer to the NREMT website for the most current policies and procedures.
Release date 11/06 Revised 6/07

<http://www.pearsonvue.com/nremt/>

NREMT certification examinations are intended to evaluate the competence of EMS practitioners at a variety of levels: EMR, EMT, Advanced EMT and Paramedic. The tests address content areas defined and validated by subject-matter experts, educators and individuals working in EMS fields. As the tests provide only one source of information regarding examinee competence, they are used in conjunction with other indicators of training and experience in the granting of certification.

<https://wsr.pearsonvue.com/testtaker/registration/SelectTestCenterProximity/NREMT/4983390>

Registration

Before scheduling an examination appointment, you must have already:

1. Register with NREMT and received an *Authorization to Test* letter.
2. Been notified of your eligibility to sit for the examination; and
3. Paid an examination authorization fee to NREMT.

When you receive your *Authorization to Test* letter, carefully review the information to ensure it is accurate. If any of the information is incorrect, or if the information has changed, please contact the National Registry at 614-888-4484.

Pearson Vue Scheduling

First time test takers who wish to schedule online must create a Pearson VUE Web account. When creating your account and scheduling your test, you will need your NREMT Candidate ID from the *Authorization to Test* letter NREMT sent you. Appointments may be made up to one business day in advance.

Retest Policy for National Registry Examinations

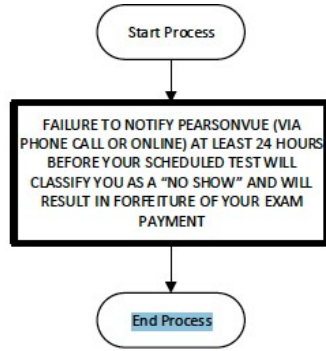
After successful completion of an approved EMS education program, candidates are initially given three attempts to pass the cognitive examination (provided all other requirements for National EMS Certification are met). If a candidate is unsuccessful on an exam attempt, they may apply to retest 15 days after the last examination. After three unsuccessful examination attempts, EMT, AEMT and Paramedic candidates must submit official documentation verifying the completion of a remedial training program.

Remedial Training Requirement

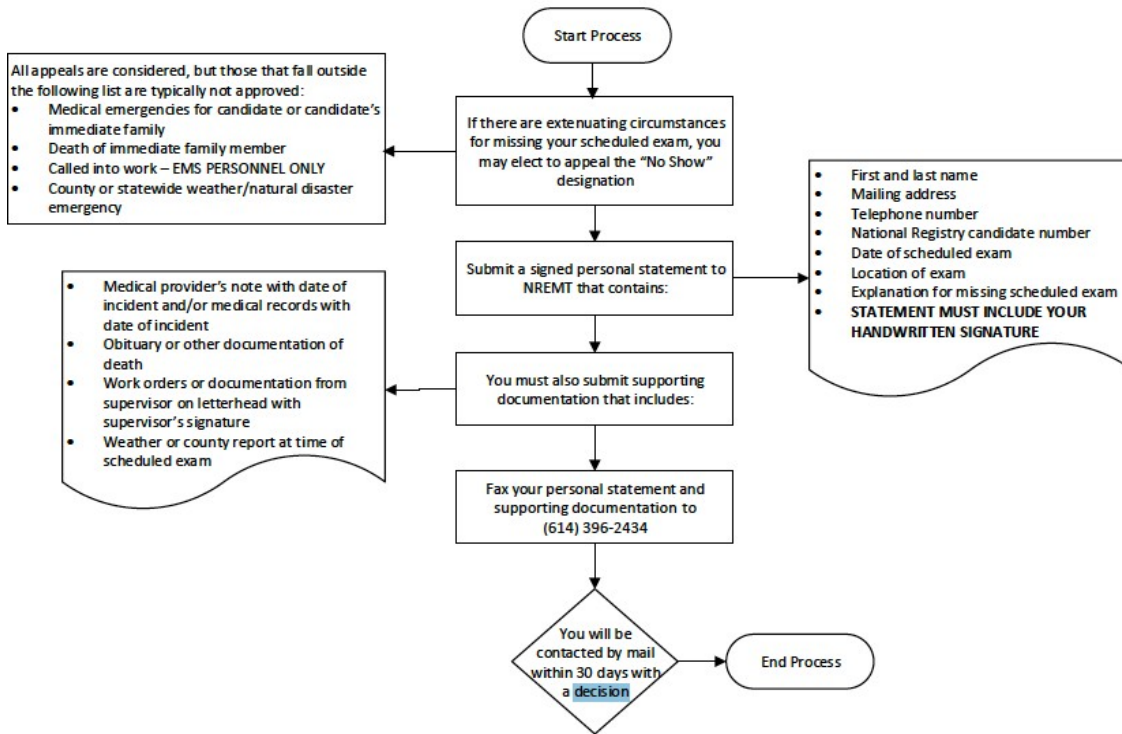
Remedial training is designed to provide candidates additional education and to improve their performance on subsequent examination attempts. It is suggested that this education be over areas within the test plan where the candidate has been identified on their result letters to be near or below the passing standard. After a remedial training program is complete, the candidate is given additional attempts to pass the examination. Candidates who fail to pass the cognitive exam after a total of six attempts are required to complete an entire state approved education program.

Certification Level	Hours of Remedial Training
EMR	Not applicable. EMRs must repeat a full education program
EMT	24 hours, or completion of the National Component of the NCCP model.
AEMT	36 hours, or completion of the National Component of the NCCP model.
Paramedic	48 hours, or completion of the National Component of the NCCP model.

Cognitive Examination No Show Policy (NREMT)



APPEALS PROCESS FOR NO SHOW EXTENUATING CIRCUMSTANCES



Revised 11/19/2013 V. 4 GR

State of Alaska Licensing Management System

Establishing an Alaska EMS Account

Select Create Account in the Public Portal

Alaska Department of Health and Social Services
Public Portal

Create Your Account

Please enter your private address and email in the *Address and Email* sections, respectively, and the address and email you would like to be displayed on your public profile in the *Public Address and Public Email* sections. The private address and email address may be used by the EMS office to send you official communications but will not be shared publicly.

Account Demographics

*First Name:
Middle Name:
*Last Name:
Prefix:
Suffix:
Other Name:
Preferred Name:
*Social Security Number: - Show
*Birth Date: Today
Gender: Select Gender
Race: American Indian or Alaska Nativ >> Asian > Black or African American > Hispanic or Latino < Native Hawaiian or Other Pacific << Not Applicable
Occupation:
Occupation Employer:
Degree/Field of Study: Agriculture and Natural Resour >> Architecture and Related Servia > Area, Ethnic, Cultural, and Gende < Biological and Biomedical Scier << Business << Communication, Journalism, and

Alaska Department of Health and Social Services
Public Portal

Welcome to the Alaska EMS Certification Management System

EMT 1 EMT 2
EMT 3 INSTRUCTOR

Alaska EMTs

If you are an Alaska certified EMT, you already have an account. Please use the Forgot Username or Forgot Password links below to obtain your login credentials via email.

New Users, EMT Students, and Reciprocity Applicants

If you are not an Alaska certified EMT and this is your first time using this system, please use the Create Account button below. Once you create an account, you will be able to submit applications.

Login

Username
Password
Forgot Username or Forgot Password?
[Login](#) [Create Account](#)

Complete the EMS account application with the required detailed before submitting

Once application is received in the system, an email will be sent which requires the individual to complete the application process by establishing a password.

Public Portal

Welcome, Monty Python | Logout

My Account

Profile
Issued Application
Documents

Applications

Training

Services

Lookup

Monty Python [Generate Card](#)

Number: 18503774
Issued:
Expiration:

No forms pending

I am looking for...


Personnel

License Number Certification Number

Name

GO

- My Account**
 - Profile
 - Issued Application
 - Documents
- Applications**
- Training**
- Services**
- Lookup**

 **Python, Monty (18503774)**
MICP
Issue Date: 08/11/2018
Expiration Date: 03/31/2020

My Profile

Make any updates to your certification detail of your profile. When you are finished, make sure to click Save from the bottom of the page.

- Demographics
- Contact Profiles
- Certifications**

Provider	Instructor	Dispatcher
<p>Certification Number: 18503774</p> <p>Certification Level: MICP</p> <p>Certification Status: Not Certified Through This Office Service Roster and AURORA Access Only</p> <p>Certification Date: 08/11/2018</p> <p>Expiration Date: 03/31/2020</p>	<p>Instructor Level: MICP-Course Coordinator</p> <p>Instructor Status: Current</p> <p>Issue Date: 08/11/2018</p> <p>Expiration Date: 03/31/2020</p>	<p>Number:</p> <p>Dispatch Level:</p> <p>Dispatcher Status:</p> <p>Issue Date:</p> <p>Expiration Date:</p>

National Registry