

Attachment C

Advanced Emergency Medical Technician

Course Overview

The current Advanced Emergency Medical Technician (AEMT) program follows the official U.S. Department of Transportation (US DOT) Emergency Medical Services (EMS) 2009 Educational Standards and National Standard Curriculum (NSC).

Initial Advanced Emergency Medical Technician Course

The initial SC Emergency Advanced Emergency Medical Technician course requires a minimum of 248 contact hours. These hours are delineated as follows:

Module 1: Preparatory	48 hours
Module 2: Airway	24 hours
Module 3: Patient Assessment	20 hours
Module 4: Medical	68 hours
Module 5: Trauma/Shock	60 hours
Module 6: Special Patient Populations	16 hours
Module 7: Operations	12 hours
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Total Minimum Hours	248 hours

The mandatory CPR course may be included in the 248 hours.

The instructor and/or educational institution must further breakdown the hours for each module so that all topics and skills in the module are adequately covered. The educational institution may increase the number of hours, if needed.

In addition to the above, each candidate will be expected to successfully complete the required clinical experiences. Clinical requirements are specified in more detail elsewhere in this manual.

Refresher Advanced Emergency Medical Technician Course

The SC AEMT Refresher course follows the National Registry recommendation of a minimum of 25 hours is a condensed review of all topics outlined in the SC Advanced Emergency Medical Technician Initial (248 hour) program except that there are no clinical requirements. These “minimum” hours are delineated by National Registry every four years. The most recent revision of the National Component was published in October 2016:

Revised 10/2016

Topic	Hours
Airway, Respiration, & Ventilation	2.5
Cardiovascular	7
Medical	7.5
Trauma	3
Operations	5
Total	25

(Please refer to the National Registry of EMT's website for a further breakdown of these topics.)

Approved CPR Courses

DHEC recommends the inclusion of a SC approved CPR course to be a part of every SC approved Advanced Emergency Medical Technical course. If a CPR course is included in the Advanced Emergency Medical Technician course, one of the following CPR courses must be used:

- American Heart Association (AHA) ***BLS for the Healthcare Provider***
- American Red Cross (ARC) ***CPR for the Professional Rescuer***
- American Safety & Health Institute (ASHI) ***CPR Pro***

If a CPR course is included, no one may be exempt from the CPR portion of the AEMT course. All students will be required to successfully complete the CPR course included and be issued a new CPR provider card as part of their Advanced Emergency Medical Technician course, regardless of their CPR status when entering the course.

Clinical Requirements

Clinical requirements are performance-based and not hourly-based. This means, in addition to the required minimum of 248 hours, every student must have patient interactions in a clinical setting.

The AEMT Program Coordinator and /or the SC Approved AEMT Instructor should establish appropriate relationships with various SC licensed EMS services and hospitals to assure their students will have adequate contact with patients.

The ideal clinical setting is with a SC licensed, transporting 911 EMS service with experienced paramedics serving as preceptors and in a Hospital Emergency Department with an approved preceptor.

Students may begin their clinical experience after successful completion of the Patient Assessment portion of the curriculum.

All students are expected to complete the following clinical requirements:

- 15 Medication Administrations
- 25 Vascular Access
- 20 Ventilations (non-intubated)
- Documented Leadership Experience:
 - Geriatrics
 - Chest Pain
 - Respiratory Distress

The instructor must review clinical experiences for compliance with clinical requirements and assure competent documentation with the minimum reportable data.

Students with unsuccessful clinical evaluations are to receive remediation and redirection. They should continue with their clinical requirements until they have successfully demonstrated, to the instructor's satisfaction, completion of all clinical requirements

Important Note: In accordance with HIPPA laws and regulations, students must not make note of, or record, any personal patient information such as names, ages, addresses or other personal identifying information. The purpose of the clinical experience is to assure proper skill performance and documentation.

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Course Entrance Requirements

Initial Advanced Emergency Medical Technician Course:

All candidates entering the initial AEMT course must meet the following requirements:

- ✓ High School Diploma or GED
- ✓ Must be 18 years of age
- ✓ Current BLS (CPR) credential (If a CPR course is not included in the AEMT course).
- ✓ Be physically fit and able to perform all the tasks required of an AEMT
- ✓ Must maintain a current SC or National Registry EMT certification throughout the course - or - have written permission from DHEC
- ✓ Must satisfy pre-screening requirements in reading comprehension and math using a standardized test from either an agency that does pre-screening, or by the authorized SC EMT training institution using the prescreening examination of their choice (i.e. HOBET, ACET, COMPASS, Work keys etc) with a previously established passing score.

The AEMT training institution may impose any additional requirements or pre-requisites as deemed necessary by the institution. For all ADA (Americans with Disabilities) concerns, please refer the National Registry Website: www.nremt.org

Refresher Advanced Emergency Medical Technician Course:

All candidates entering the refresher AEMT course must meet one (1) of the following requirements:

- Current SC or NR Advanced Emergency Medical Technician Certification
- Former AEMT certified in any U.S. State or territory or National Registered AEMT (*see note)
- NR Advanced Emergency Medical Technician Initial student who has failed the NR CBT exam three (3) times
- Have a letter of permission from SC DHEC Division of EMS & Trauma

* Follows NREMT re-entry requirements as written on nremt.org.

Course Attendance Requirements

Candidates in an Advanced Emergency Medical Technician course should make every effort to attend all class sessions. A candidate may miss up to ten percent (10%) of the course's contact hours. However, all work missed must be made up to the satisfaction of the course instructor. Even though the work must be made up, the hours missed are not erased.

Note: Under special, extreme circumstances, the AEMT Program Coordinator may allow a candidate an additional ten percent (10%) – not to exceed a total of twenty percent (20%) of the total contact hours of the course.

Instructors are responsible for maintaining accurate attendance records. These records (as well as any records pertaining to the AEMT course) may be requested by and inspected by DHEC at any time.

Arriving to class late as well as leaving class early counts toward the total number of allotted hours. Any candidate that exceeds the total allotted hours of absences will not be allowed to continue in the course and will not be approved to take the National Registry examination.

Skills Verification

In addition to all Cardio-Respiratory Skills in the CPR course and Emergency Medical Technician skills, each student must be taught, tested and found competent in each of the following skill areas.

- Tracheobronchial Suctioning
- IV/IO Meds
- Central line – monitoring
- Intraosseous – initiation
- Intravenous access
- Intravenous initiation – peripheral
- Venous blood sampling
- D50 by Standing Orders

Skill sheets may be downloaded from the National Registry website:

<https://www.nremt.org/rwd/public/document/psychomotor-exam>

Caution: Be sure you download (and frequently re-check) for the most current skill sheet, as the practical examination will use the most current sheet.

As new skill check sheets are developed by the National Registry or DHEC these skills will be added to the *Skills Verification* list and will also be incorporated into the SC state EMT Practical Examination.

Verification of Course Completion

In order for candidates to successfully complete the course and to qualify for permission to take the National Registry EMT examination, each candidate must satisfy all of the following requirements:

- Pass the course with a minimum score of 70% (A final grade of 69.5 may be rounded off to 70)
- Pass the in-course practical skills examination to the satisfaction of the instructor.
- Successfully complete all clinical requirements
- Have a valid CPR credential
- A properly completed profile in CIS (SC's Credentialing Information System).
- Have met all eligibility requirements to be accepted into the course
- For those who will take the National Registry cognitive examination - have an active application on-line with the National Registry.
- All required documentation has been received by the DHEC