

**MID-EAST CAREER AND TECHNOLOGY CENTERS
ADULT EDUCATION
ADDENDUM FOR PUBLIC SAFETY PROGRAMS AND CURRICULUM
2019-2020**

Emergency Medical Technician - Advanced

The following addendum is applicable to students in the Mid-East Career and Technology Centers Adult Education Public Safety programs. This information supplements to Adult Education Student Handbook. In the case of any differences or discrepancies, the most restrictive rules and policy apply.

Tuition

The cost of the course is \$1,800.00. The tuition includes all books, materials, and one NREMT certification exam.

The student or sponsoring agency will be responsible for 100% of tuition and textbook fees beginning the 17th hour of class, regardless of completion status. Prior to the 17th hour, the student or agency will be responsible for hours completed and cost of textbooks.

Admission Requirements and Procedures

- Prepay 50% of tuition fees to be entered into class and the other 50% is due the first night of class, unless agency or department funded.
- Current Ohio EMT Certification.
- Valid CPR card.
- Admission Application
- Immunization Record
- Hepatitis B Record or Release.
- Current TB Test.

Students who have acknowledged or are known to have committed felonies or misdemeanors of moral turpitude may enroll in the Public Safety programs but may not be eligible for Ohio Division of EMS State Certification. Seating priority will be given to those students who are eligible for state certification.

Program Hours

The EMT program hours are 200 clock hours.

Didactic

1. A preparatory portion that provides, as a minimum, an understanding of:
 - a. The roles and responsibilities of the AEMT within the EMS system
 - b. The role of medical direction
 - c. Medical and legal issues
 - d. Basic anatomy and physiology
 - e. Basic principles of pharmacology to include the following medications:
 1. Oxygen

2. Nitroglycerin
 3. Dextrose fifty% in water
 4. Aspirin
 5. Epinephrine
 6. Diphenhydramine
 7. Diazepam
 8. Lorazepam
 9. Bronchodilators
 10. Naloxone
 11. Glucagon
 12. Nitrous oxide
 13. Nalbuphine
 14. Morphine sulfate
 15. Ketorolac, meperidine, or other analgesics for pain relief
 16. Any additional drug approved by the board.
- f. Procedures for accessing the venous circulation by intravenous and intraosseous needle placement
 - g. Procedures for administering medications
 - h. Procedures for obtaining blood samples
2. An airway portion that includes procedures for airway management and ventilation.
 3. A portion that includes procedures for patient assessment, including but not limited to the following:
 - a. History taking and physical examinations
 - b. Process for clinical decision making
 - c. The format for dissemination of patient information in oral form
 - d. Procedures for documenting patient assessment, care, and transport
 4. A trauma portion that includes an understanding of mechanisms of injury, the trauma patient, and the trauma system, including but not limited to the following:
 - a. Hemorrhage and shock
 - b. Burn injuries
 - c. Head, spinal, and thoracic trauma
 - d. Extremity trauma
 - e. Trauma in pediatric and geriatric patients
 5. A medical portion that includes procedures for assessing and managing the following medical emergencies:
 - a. Respiratory
 - b. Cardiovascular
 - c. Diabetic
 - d. Allergic reactions
 - e. Toxicological and overdose
 - f. Neurological
 - g. Non-traumatic abdominal
 - h. Environmental
 - i. Behavioral
 - j. Gynecological

6. A portion covering special considerations, including but not limited to assessment and management of the following:
 - a. Obstetrical emergencies
 - b. Neonatal resuscitations
 - c. Pediatric patients
 - d. Geriatric patients

AEMT Skill Requirements

During the training program, the student must demonstrate, in a clinical setting, competencies in the following areas:

| <u>Skills</u> | <u>Number</u> |
|-------------------------------|--|
| IV's | 10 (clinical setting only) |
| Endotracheal Intubations | 3 (may be obtained in the lab or clinical setting) |
| Extraglottic Airway Insertion | 3 (may be obtained in the lab or clinical setting) |
| Dual Lumen Airway Insertion | 3 (may be obtained in the lab or clinical setting) |
| Subcutaneous injection | 3 (may be obtained in the lab or clinical setting) |
| Intramuscular injection | 3 (clinical setting only) |
| Patient Assessments | 20 (to be performed on all age groups) |
| IV Medication Administration | 2 (clinical setting only) |
| IV Saline infusion | 1 (clinical setting only) |
| Intraosseous infusion | 2 (may be obtained in the lab or clinical setting) |
| Manual Defibrillation | 1 (may be obtained in the lab or clinical setting) |
| Bronchodilators | 3 (clinical setting only) |

Clinical Experience

The AEMT students are required to satisfactorily complete 35 clinical hours in a hospital emergency room or emergency vehicle. Hospital and vehicle clinical sites must be approved by the Mid-East Career and Technology Centers. Minimum of three (3) students must be present at the **hospital** clinical site in order for the clinical to be conducted. A student must complete 20 patient assessments within the clinical experience. If the assessments are not completed within those 35 hours, the student can exceed those hours to complete the assessments.

All clinical time must be completed prior to final exams or the student will not be permitted to sit for the exam. Please plan accordingly.

Clinical Sites

See Lead Instructor or Public Safety Coordinator for current list.

Attendance and Make-Up Hours

Students must maintain 100% attendance and have completed any and all mandatory components of the curriculum prior to the last scheduled day of the course. All missed hours will be made up at a cost of \$25.00 per hour unless other arrangements have been made at no additional expense to Mid-East CTC.

Students are expected to be punctual to scheduled class and clinical. A student is considered tardy if they are more than ten minutes late. If a student is tardy three times, it will be considered a four hour absence.

Students will be permitted no more than 20 hours. This includes both clinical and class time. The student will be dismissed if they exceed the 20 hours. Refer to the “Appeals Process (attendance)” of the Adult Student Consumer Handbook

Grades

Students will be graded by a combination of open book chapter tests and closed book section exams. The student will be allowed to retest one section exam and also retake the final exam once.

The student must achieve and maintain an overall class average of 80% by the midpoint of the course (82nd hour) and pass the final written exam with a minimum of 75%. Students who do not maintain an 80% average will not be eligible for the course final exam.

Course Completion Requirements

To successfully complete the EMT program and be eligible to take the National Registry certification exam, students must achieve all of the following:

- Minimum course average of 80%
- Minimum final exam average of 75%
- Pass final skills exam
- Tuition and fees paid in full
- Maintain 100% attendance
- Complete all required clinical time and assessments

Dress Requirements

EMT students are required to wear uniforms to class. This includes: white or blue shirt, blue or black pant, and black hard soled shoes. Department uniforms are permitted. T-shirts (excluding department t-shirts), jeans, coveralls, tennis shoes, sandals, and other unacceptable attire are **not** permitted. Inappropriate attire may be a cause of student dismissal from the class or clinical areas and loss of good standing.

Cell Phone Policy

Cell phones may only be used during class breaks. During class all phones must be out of site. They are to be placed in a backpack, purse, etc. or on the floor and turned to vibrate or off. If your cell phone is in sight, or you are caught using it, you will be dismissed from that class session and all hours for that session will be required to be made up, regardless of what time you were dismissed from class.

Cell phones are prohibited in the clinical setting. They are to be left in your vehicles. If you are seen with a cell phone you will be dismissed from the clinical sight and no credit will be given for that session.

Student Health Care Services

In the event of an injury at an approved training site or at a clinical location, students must immediately report said injury to the instructor or clinical preceptor. The instructor or clinical preceptor will be responsible to complete a Mid-East Career and Technology Centers Student Accident/Incident Report (Form 5340F1) and deliver it to the Public Safety Coordinator within 24 hours of the accident.

If the injury is severe, the instructor or clinical preceptor will make immediate arrangements for medical assistance. The full cost of any medical treatment will be the responsibility of the student.

Clinical Requirement

All clinical time must be pre-scheduled. Students will not be permitted to schedule any clinical during scheduled classroom or lab course time. Students are responsible to notify the ambulance service/fire department if a scheduled clinical experience must be cancelled or rescheduled. Early arrival times or stay-over times must be approved by the clinical person in charge. Students may not leave clinical areas early without receiving permission from the clinical person in charge.

- Appropriate clinical attire is required (contact agency for their requirements). Inappropriate attire may be cause of student dismissal from the clinical areas and loss good standing.
- Students must have a stethoscope, ballpoint pen, watch with a second hand, and clinical forms.
- Students are to be courteous, neatly groomed, enthusiastic, helpful, and professional at all times. Inappropriate actions may be cause for student dismissal from the clinical areas.
- Students are responsible for taking the clinical examination form to the ambulance service/fire department each session.

Student Clinical Evaluation

Students will be evaluated by the preceptor. An unsatisfactory evaluation will result in a conference with the Public Safety Coordinator. The Coordinator shall have sole authority to either determine a corrective action plan for the student or to dismiss the student. Appeals of these actions may be made to the Adult Education Director.

Disciplinary Issues

If any disciplinary issues arise with a student who's tuition is being paid by a third party. The funding agency will be notified of the issue.

Grounds for Dismissal

The Student Code of Conduct in the Adult Education Student Handbook describes grounds for program dismissal for conduct. Further, students who do not achieve and maintain the 80% grade point average by the midpoint of the course (82nd hour) will also be dismissed.

Students will be permitted no more than 20 hours. This includes both clinical and class time. The student will be dismissed if they exceed the 20 hours. Refer to the "Appeals Process (attendance)" of the Adult Student Consumer Handbook

Public Safety students are not eligible for probation for grade average deficiencies as described in the Adult Education Student Handbook.

Students may also be dismissed based on poor clinical performance at the determination of the Public Safety Coordinator.

Patient/Victim Contact

The purpose of training in a clinical setting is to recognize, observe, and/or participate in emergency care in acute medical, surgical, pediatric, OB-GYN, and psychiatric situations. These situations include but are not limited to: cardiac/respiratory arrest, acute myocardial infarction, cardiogenic shock, hypovolemia, respiratory distress, multiple injured patients, pulmonary edema, diabetic coma, insulin shock, croup, poisoning, precipitate delivery, vaginal bleeding, drug overdose, delirium tremens, and acute psychotic episode.

- Students are expected to participate in patient assessment and care procedures.
- Students will perform selected procedures at the request of a physician, nurse, or other qualified personnel and be under the supervision of a physician, nurse, or other qualified hospital/EMS personnel or preceptor.
- Students are not permitted to substitute for paid personnel while they are on clinical time.

Please remember that the hospital emergency room and emergency vehicle personnel provide these student experiences as a courtesy to the school district. Please respect this situation and cooperate in every way possible.

4765-7-02 Accreditation of Ohio EMS training programs.

(A) (21) (o) Requirement that students are not used to meet minimum staffing requirements or in substitution for essential personnel in a clinical experience or prehospital internship setting.

(A) (21) (p) Requirement that all students are notified of the process for obtaining a certificate to practice under section 4765.30 of the Revised Code and Chapter 4765-8 of the Administrative Code, and that an Ohio certificate to practice may not be granted if the individual fails to meet the qualifications for a certificate to practice set forth in rule 4765-8-01 of the Administrative Code