

Advanced Emergency Medical Technician (AEMT) Course

- 190 hours
- Classroom and field based
- Prerequisite is EMT course
- This level of education prepares students for entry and/or intermediate level emergency response positions
- Approved by the MI Department of Health and Human Services
- After successful completion, students are eligible to take the National Registry Certification for State of MI licensure.

AEMTs typically work:

- For private ambulance companies
- For fire departments
- As hospital emergency department technicians

AEMT course curriculum includes:

- Advanced airway control and oxygen delivery
- In-depth understanding of anatomy and physiology
- Intravenous fluid and medication administration
- More definitive patient assessment
- Assisting with medications such as epinephrine auto injectors, nitroglycerin and emergency breathing treatments
- A more comprehensive look at disease processes, including acid base balance and blood chemistry
- Handling more complex medical and traumatic life-threatening illness and/or injuries
- Pediatric assessment and field treatment including intra-osseous cannulation and fluid therapy
- Assisting Paramedics and hospital personnel with more advanced care

- Introduction to cardiac ECG interpretation

Students are evaluated in the following core competency areas:

- Didactic
- Practical
- Clinical
- Internship performance.

Students achieving an 80% or higher score in the course and passing the final computer-based exam will receive a certificate of completion and be eligible for State licensure. Practical skills are graded on a pass/fail basis and students will be required to pass all practical examinations to successfully complete the program. All clinical and internship rotations will be graded on attendance, attitude and skills performance which are evaluated by field mentors, a clinical coordinator and/or the course instructor.

Firefighter and student discounts available. Students must supply a letter from their fire chief for the firefighter discount; area college students must supply a copy of current course schedule or copy of student ID to be eligible. Copies of these items can be faxed to 734-477-6927 after submitting registration online. Past HVA student discounts are also available.

Note: We recommend that students with no prior A&P or Biology courses consider enrolling in the [HVA Anatomy & Physiology for Paramedics course](#) as a pre-requisite to their AEMT training.