

Kentucky Community and Technical College System
Fire/Rescue Science Technology
Learning Outcomes - Updated July 2023

Learning Outcomes

Upon completion of the AAS in Fire/Rescue Science Technology, students will be able to:

- **Apply basic firefighter skills on an emergency scene, as required.**

Method of Assessment:

80% pass rate with a grade "C" or higher, in courses leading to the Basic Firefighter Certificate.

- **Apply appropriate basic emergency medical care skills when necessary.**

Methods of Assessment:

60% pass rates with a grade "C" or higher, in the course leading to the Emergency Medical Technician certificate.

60% First Time Pass Rate on National Registry EMT-Basic Exam

- **Analyze common hazardous materials incidents and implement appropriate techniques to achieve the desired objectives for the incident.**

Method of Assessment:

80% pass rates with a grade "C" or higher, Hazardous Materials Awareness and Operations Courses.

- **Analyze basic company officer skills and/or incident command techniques in specific situations.**

Method of Assessment:

80% pass rates with a grade "C" or higher, Company Officer course.