



## FIR 170: Emergency Care I

This is the first part of a two-course sequence that enables the student to take the state of Massachusetts Emergency Medical Technicians Exam. Topics covered under this section include introduction to emergency care, medical/legal issues, basic life support CPR, infection control, anatomy and physiology, lifting and moving patients, airway management, and patient assessments. The class meets twice each week for 4 hours for half the semester. Instructional Support Fee applies.

### Course Student Learning Outcomes

1. Demonstrate the ability the ability to comprehend, apply, and evaluate the clinical information relative to the role of an entry-level Emergency Medical Technician (EMT).
2. Demonstrate fundamental problem-solving skills in a basic pre-hospital environment.
3. Demonstrate competence in performing basic pre-hospital assessment of the ill or injured victim in a professional manner.
4. Identify critical traumatic patient conditions using standardized trauma patient assessments.
5. Utilize effective communication skills.
6. Demonstrate the knowledge of anatomy, physiology, and pathophysiology of sudden illness or injury; and the mechanics of injury for patient evaluation.
7. Summarize the medical equipment, safety equipment, and operations equipment carried on an ambulance.
8. Demonstrate personal behaviors consistent with the professional standards and employer expectations for the entry level EMT.

**Credits:** 4

**Program:** Fire Science