



Department of Fire Services

Massachusetts Firefighting Academy Mobile Training Units

DRIVER TRAINING SIMULATOR

The Massachusetts Firefighting Academy has four mobile training units that make it easy to deliver fire service training anywhere in Massachusetts. The mobile units include a SCBA maze, a driver training simulator, a live fire training unit, and an incident command training simulator.

Situational awareness is the key to safe operations of emergency vehicles. New to the Massachusetts Firefighting Academy in 2010, the driver training simulator is a virtual reality simulator that allows students to experience emergency response scenarios. Depending upon the class, drivers can operate in rural, suburban, or urban settings in a variety of driving conditions.

The Driving Simulator consists of three screens arranged to form the left side, windshield and right side windows of an emergency vehicle. The student drives from an actual emergency vehicle seat complete with lights and siren. Instructors choose from over two hundred different driving challenges and students must react to avoid accidents.



Simulator training builds on the knowledge obtained in Emergency Vehicle Operator – Basic. The simulator can also be used as a refresher for firefighters who completed the program, or to supplement in-house driver training programs. The simulator can be delivered to fire stations to allow companies to stay in service for the training.

This simulator, along with the obstacle course that is used in the Emergency Vehicle Operator – Advanced, addresses many of the requirements of the NFPA standard for Fire Apparatus Driver/Operator Professional Qualifications (NFPA 1002.)



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