



**MONTGOMERY COUNTY FIRE AND RESCUE SERVICE  
DRIVER/OPERATOR TRAINING PROGRAM**

**EMERGENCY VEHICLE DRIVER/OPERATOR  
TRAINING COMPETENCIES  
EMS TRANSPORT UNIT**

**Trainee Name:** \_\_\_\_\_ **ID#** \_\_\_\_\_ **Issued Date:** \_\_\_\_\_

**Station/Shift/Dept:** \_\_\_\_\_ **Mentor:** \_\_\_\_\_

**Unit #:** \_\_\_\_\_ **Make:** \_\_\_\_\_ **Year:** \_\_\_\_\_

**Supervisor Name:** \_\_\_\_\_

***I have reviewed and confirmed that all competencies are completed for this trainee:***

\_\_\_\_\_  
**Supervisor Signature** **Date**

The following competencies are intended to meet or exceed the requirements of NFPA 1002: Standard for Fire Apparatus Driver/Operator Professional Qualifications.

<i>Section</i>	<i>Competencies</i>	<i>Evaluator Initials</i>	<i>Date Completed</i>
<b>1.0</b>	<b>Vehicle Inspection and Driving Preparation</b>		
1.1	Trainee will explain the purpose of an emergency vehicle inspection, routine maintenance, and supporting documentation.		
1.2	Trainee will locate and identify major motor vehicle components, including: <ul style="list-style-type: none"> <li>• Batteries</li> <li>• Brake system</li> <li>• Coolant system</li> <li>• Electrical system</li> <li>• Fluids</li> <li>• Tires and Suspension</li> <li>• Steering system</li> <li>• Belts</li> </ul>		
1.3	Trainee will explain daily, weekly, and monthly routine maintenance on an emergency vehicle.		
1.4	Trainee will explain safety checks and adjustments made to prepare for emergency vehicle driving.		
1.5	Trainee will demonstrate starting the emergency vehicle.		
1.6	Trainee will explain precautions to take before moving an emergency vehicle.		

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1.7	Trainee will conduct an inspection on an EMS Transport Unit at the station using the MCFRS Apparatus Checkout Sheet and SCBA Daily Checkout Sheet		
1.8	Trainee will explain the apparatus and equipment defect reporting procedures for assigned station.		
1.9	Trainee will identify vehicle height, weight, length and width.		
1.10	Trainee will explain the MCFRS out of service criteria and where to locate it.		
1.11	Trainee will identify fueling procedures for an EMS Transport Unit, including replenishment of DEF if applicable.		
1.12	Trainee will describe the indications of regeneration and actions to take to complete regeneration for an EMS Transport Unit.		
1.13	Trainee will locate and describe the function of the patient compartment heater supply hose valve(s).		
<b>2.0</b>	<b>Operating an Emergency Vehicle</b>		
2.1	Trainee will explain the application and demonstrate the use of audible and visual warning devices, auxiliary systems or fixtures, and chassis controls.		
2.2	Trainee will explain the occupant restraint systems, supplement restraint systems, and vehicle stability control systems of the assigned EMS Transport Unit.		
2.3	Trainee will explain defensive driving techniques and legal requirements during non-emergency travel.		
2.4	Trainee will explain defensive driving techniques and privileges granted during emergency travel.		
2.5	Trainee will explain actions and considerations to safely negotiate through an intersection during emergency travel.		
2.6	Trainee will explain actions and considerations to turn vehicles around in a variety of situations.		
2.7	Trainee will explain actions and considerations when following another emergency vehicle during emergency travel.		
2.8	Trainee will explain actions and considerations for passing another vehicle during emergency travel.		
2.9	Trainee will explain actions and considerations during emergency and non-emergency travel on limited access or high speed roadways.		
2.10	Trainee will explain actions and considerations when parking or positioning any emergency vehicle at an incident scene.		
2.11	Trainee will explain actions and considerations when parking or positioning an EMS Transport Unit at an incident scene and the hospital.		
<b>3.0</b>	<b>Handling Dangerous &amp; Unusual Driving Situations</b>		
3.1	Trainee will identify operating procedures for driving in adverse weather conditions.		

<i>Section</i>	<i>Competencies</i>	<i>Evaluator Initials</i>	<i>Date Completed</i>
3.2	<p>Trainee will explain actions and considerations for various hazards, such as:</p> <ul style="list-style-type: none"> <li>• Vehicle malfunction or component failure</li> <li>• Change or deterioration in the road conditions</li> <li>• Debris or obstacles in the road way</li> <li>• Sudden weather changes</li> <li>• Civilian driver error, inattention, confusion, or inexperience</li> </ul>		
3.3	<p>Trainee will explain actions and considerations during loss of traction in relation to braking, accelerating, steering, and hydroplaning.</p>		
3.4	<p>Trainee will explain actions and considerations for vehicle-related hazards, such as:</p> <ul style="list-style-type: none"> <li>• Rapid Tire Deflation</li> <li>• Brake Failure or Fade</li> <li>• Transmission Malfunctions</li> <li>• Steering Malfunctions/Failure</li> <li>• Stuck Accelerator</li> <li>• Impaired Visibility</li> <li>• Wheels leaving the pavement</li> <li>• Dashboard warning lights or messages</li> </ul>		
3.5	<p>Trainee will explain actions and considerations when parking or positioning a vehicle that has experienced a mechanical malfunction.</p>		
3.6	<p>Trainee will demonstrate and describe the use of automatic tire chains.</p>		
3.7	<p>Trainee will demonstrate installation and describe the use of standard tire chains on an EMS Transport Unit.</p>		
<b>4.0</b>	<b>Driving Course</b>		
4.1	<p>Trainee will complete all practical and didactic components of the MCFRTA Emergency Vehicle Operator Course and achieve certification, or obtain equivalency of such a course per MCFRS requirements. This includes cone course, day and night driving on public roadways, and skid pan exercises.</p>		
<b>5.0</b>	<b>Public Roadway Driving Experience</b>		
5.1	<p>Trainee will complete a minimum of 6 hours of supervised non-emergency driving on public roadways while assigned to an operations unit. These hours will be documented using an EMS Transport Unit Driving Log and Driving Behavior Evaluations.</p>		
<b>6.0</b>	<b>Apparatus Inventory</b>		
6.1	<p>Trainee will demonstrate knowledge of apparatus inventory.</p>		
6.2	<p>Trainee will demonstrate knowledge and ability to replenish disposable supplies from either the fire station or hospitals.</p>		
6.3	<p>Trainee will demonstrate using and changing the large onboard oxygen cylinder.</p>		

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6.4	Trainee will demonstrate charging/changing the batteries on all portable battery-operated or rechargeable equipment.		
6.5	Trainee will demonstrate loading and unloading the stretcher from the rear of an EMS Transport Unit.		
<b>7.0</b>	<b>Radio Communications</b>		
7.1	Trainee will explain procedures and protocol for terminology, transmitting, channel assignments, emergency transmissions/activations, and general usage of the Montgomery County radio system.		
7.2	Trainee will demonstrate usage of radio system hardware in an EMS Unit, including changing talk groups, emergency activations, volume controls, intercom systems, and associated accessories.		
	a) Mobile Radio		
	b) Portable Radio		
7.3	Trainee will describe the purpose and demonstrate the functions of the Mobile Data Computer.		
7.4	Trainee will explain the procedure for utilizing the EMRC radio system.		
<b>8.0</b>	<b>Equipment Maintenance and Cleaning</b>		
8.1	Trainee will demonstrate proficiency in cleaning and disinfecting portable equipment and patient compartment.		
	a) Blood and Bodily Fluids		
	b) General cleaning		
8.2	Trainee will demonstrate the proper procedures for disposal of potential biohazards.		
	a) Sharps		
	b) Linens		
	c) Gloves		
8.3	Trainee will select and use the correct supplies to maintain the cleanliness of the exterior, compartments, and cab interior of the vehicle.		
<b>9.0</b>	<b>In-Station Assignments</b>		
9.1	Trainee will complete the written assignment as contained in the EMS Transport Unit book.		
9.2	Trainee will complete the territory assignment as contained in the EMS Transport Unit book.		