

# 2023 Technicians Workshop

## Class Descriptions

### **Thomas Chassis/Body**

This class is primarily dedicated to the familiarization of the today's more advanced chassis and body, chassis electronics and the multiplex wiring system used on Thomas's conventional bus. Additionally, a fundamental understanding of today's more advanced EPA engines and their critical maintenance requirements. The instructor will also cover the DD5 and DD8 engines in their presentation. This will be a classroom as well as a hands-on presentation.

### **Blue Bird Chassis/Body**

The class is hosted by Yancey Bus Sales and Service. The class will cover the multiplex wiring and electrical systems. It will focus on familiarizing the technician with the operation and troubleshooting of these functions. The instructor will cover HVAC systems on the Blue Bird bus as well as fire suppression maintenance. This will be a classroom as well as a hands-on presentation.

### **IC Bus Chassis/Body**

This class is hosted by Rush Truck Center of Atlanta. The class will focus on the wiring and electrical systems of the IC Bus. it will focus on diagnostics and troubleshooting. It will cover critical components of the bus and cover PSI engines. This will be a classroom as well as a hands-on presentation.

### **Tires**

This will be classroom as well as a hands-on demonstration and will cover all aspects of tire maintenance. The instructor will provide best practices that will assist fleets to increase their tire knowledge. The class covers the full life cycle of the tire: selection, vehicle characteristics that affect performance, maintenance, and tire life extension through repair and retreading.

# **GAPT Inspector/Program Managers Certification Class**

This class will be for those individuals who inspect buses daily or oversee the inspection process. Monday will be a classroom instruction/training and a review of the inspection process. Individuals that enroll in this class will be emailed a copy of the manual. **They should print out this manual and bring a copy with them.** This manual will serve as a guide and resource during the instruction. (Individuals may download to a laptop as an option to a printed copy) **The attendees should read the manual and be familiar with its contents prior to Monday's session.** At the end of the day, they will be taking the exam. Those students that demonstrate a minimum score of 80% will be assigned a hands-on inspection time that will occur Tuesday or Wednesday. Individuals seeking the Manager's Certification are exempt from the hands-on portion but must have a minimum score of 80% on the exam.

## **Note:**

**This is a change from previous classes and will give the attendees the opportunity to attend additional sessions on Tuesday and Wednesday. During the registration process these individuals must choose classes for Tuesday and Wednesday as well.**

# **Wheelchair Lift Maintenance/Diagnostics**

This session is designed to assist the technician in the maintenance and upkeep of the wheelchair lift. Instruction will cover the electrical and hydraulic troubleshooting of the lift.

# **Bendix**

This class will cover several Bendix Products. The focus will be on the Collision Avoidance systems that are standard on many buses as well as the optional more active systems available. It will also include instruction on the **Intellipark** systems and Air Disc Brakes.

# **ROUSH CleanTech Engines**

This class will cover the propane and gas offerings by ROUSH. It will cover an overview of these platforms as well as basic troubleshooting and diagnostic topics.